

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2020

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: **001-36532**

Sphere 3D Corp.

(Exact name of Registrant as specified in its charter)

Ontario, Canada

(State or other jurisdiction of incorporation or organization)

895 Don Mills Road, Bldg. 2, Suite 900

Toronto, Ontario, Canada, M3C 1W3

(Address of principal executive offices)

98-1220792

(IRS Employer Identification No.)

(858) 751-5555

(Registrant's Telephone Number, Including Area Code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class

Trading Symbol(s)

Name of Each Exchange on Which Registered

Common Shares

ANY

NASDAQ Capital Market

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

(Do not check if a smaller reporting company) Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

As of June 19, 2020, there were 5,527,405 shares of the registrant's common stock outstanding.

EXPLANATORY NOTE

Reliance on SEC Relief from Filing Requirements

The Company is filing this Current Report on Form 10-Q in reliance upon the Order of the Commission dated March 25, 2020 (Release No. 34-88465) (the “Order”) permitting the delay of certain filings required under the Securities and Exchange Act of 1934, as amended. The Company filed its Current Report on Form 8-K on May 14, 2020, indicating its intent to rely upon the Order and that it required additional time to review and prepare certain information in its financial statements following delays resulting from the COVID-19 pandemic related challenges.

TABLE OF CONTENTS

PART I — FINANCIAL INFORMATION

Item 1.	<u>Financial Statements:</u>	Page
	<u>Condensed Consolidated Statements of Operations (unaudited) - Three Months Ended March 31, 2020 and 2019</u>	<u>4</u>
	<u>Condensed Consolidated Statements of Comprehensive Loss (unaudited) - Three Months Ended March 31, 2020 and 2019</u>	<u>5</u>
	<u>Condensed Consolidated Balance Sheets (unaudited) - March 31, 2020 and December 31, 2019</u>	<u>6</u>
	<u>Condensed Consolidated Statements of Cash Flows (unaudited) - Three Months Ended March 31, 2020 and 2019</u>	<u>7</u>
	<u>Condensed Consolidated Statements of Shareholders' Equity (Deficit) (unaudited)- Three Months Ended March 31, 2020 and 2019</u>	<u>8</u>
	<u>Notes to Condensed Consolidated Financial Statements (unaudited)</u>	<u>9</u>
Item 2.	<u>Management's Discussion and Analysis of Financial Condition and Results of Operations</u>	<u>25</u>
Item 3.	<u>Quantitative and Qualitative Disclosures About Market Risk</u>	<u>32</u>
Item 4.	<u>Controls and Procedures</u>	<u>32</u>

PART II — OTHER INFORMATION

Item 1.	<u>Legal Proceedings</u>	<u>33</u>
Item 1A.	<u>Risk Factors</u>	<u>34</u>
Item 2.	<u>Unregistered Sales of Equity Securities and Use of Proceeds</u>	<u>36</u>
Item 3.	<u>Defaults Upon Senior Securities</u>	<u>36</u>
Item 4.	<u>Mine Safety Disclosures</u>	<u>36</u>
Item 5.	<u>Other Information</u>	<u>36</u>
Item 6.	<u>Exhibits</u>	<u>37</u>
	<u>Signature</u>	<u>39</u>

PART I — FINANCIAL INFORMATION

Item 1. Financial Statements.

Sphere 3D Corp.
Condensed Consolidated Statements of Operations
(in thousands of U.S. dollars, except share and per share amounts)

	Three Months Ended March 31,	
	2020	2019
	(Unaudited)	
Revenue	\$ 1,010	\$ 2,130
Cost of revenue	547	1,435
Gross profit	463	695
Operating expenses:		
Sales and marketing	304	453
Research and development	339	697
General and administrative	984	1,252
	1,627	2,402
Loss from operations	(1,164)	(1,707)
Other income (expense):		
Interest expense, related party	—	(142)
Interest expense	(9)	(3)
Other income, net	70	8
Net loss	(1,103)	(1,844)
Net loss per share:		
Basic and diluted	\$ (0.28)	\$ (0.82)
Shares used in computing net loss per share:		
Basic and diluted	3,947,657	2,236,590

See accompanying notes to condensed consolidated financial statements.

Sphere 3D Corp.
Condensed Consolidated Statements of Comprehensive Loss
(in thousands of U.S. dollars)

	Three Months Ended March 31,	
	2020	2019
	(Unaudited)	
Net loss	\$ (1,103)	\$ (1,844)
Other comprehensive (loss) income:		
Foreign currency translation adjustment	(71)	40
Total other comprehensive (loss) income	(71)	40
Comprehensive loss	\$ (1,174)	\$ (1,804)

See accompanying notes to condensed consolidated financial statements.

Sphere 3D Corp.
Condensed Consolidated Balance Sheets
(in thousands of U.S. dollars, except shares)

	March 31, 2020	December 31, 2019
Assets	(Unaudited)	
Current assets:		
Cash and cash equivalents	\$ 285	\$ 149
Accounts receivable, net	335	369
Inventories	694	753
Other current assets	666	670
Total current assets	1,980	1,941
Investment in affiliate	2,100	2,100
Intangible assets, net	1,976	2,301
Goodwill	1,385	1,385
Other assets	616	679
Total assets	\$ 8,057	\$ 8,406
Liabilities and Shareholders' Equity		
Current liabilities:		
Accounts payable	\$ 4,151	\$ 4,113
Accrued liabilities	659	475
Accrued payroll and employee compensation	339	340
Deferred revenue	914	1,069
Line of credit	491	491
Other current liabilities	196	158
Total current liabilities	6,750	6,646
Deferred revenue, long-term	365	485
Convertible debt	375	—
Convertible debt-related party	350	—
Other non-current liabilities	16	35
Total liabilities	7,856	7,166
Commitments and contingencies (Note 13)		
Shareholders' equity:		
Preferred shares, no par value, unlimited shares authorized, 8,443,778 shares issued and outstanding at both March 31, 2020 and December 31, 2019	8,444	8,444
Common shares, no par value; unlimited shares authorized, 4,016,825 and 3,850,105 shares issued and outstanding as of March 31, 2020 and December 31, 2019, respectively	186,296	186,161
Accumulated other comprehensive loss	(1,840)	(1,769)
Accumulated deficit	(192,699)	(191,596)
Total shareholders' equity	201	1,240
Total liabilities and shareholders' equity	\$ 8,057	\$ 8,406

See accompanying notes to condensed consolidated financial statements.

Sphere 3D Corp.
Condensed Consolidated Statements of Cash Flows
(in thousands of U.S. dollars)

	Three Months Ended March 31,	
	2020	2019
Operating activities:	(Unaudited)	
Net loss	\$ (1,103)	\$ (1,844)
Adjustments to reconcile net loss to cash used in operating activities:		
Depreciation and amortization	247	267
Share-based compensation	5	124
Preferred shares interest expense-related party	—	130
Changes in operating assets and liabilities:		
Accounts receivable	34	282
Inventories	59	(16)
Accounts payable and accrued liabilities	363	70
Accrued payroll and employee compensation	8	(62)
Deferred revenue	(276)	(191)
Other assets and liabilities, net	224	250
Net cash used in operating activities	<u>(439)</u>	<u>(990)</u>
Financing activities:		
Proceeds from convertible debt	375	—
Proceeds from convertible debt-related party	200	—
Proceeds from debt - related party	—	523
Proceeds from line of credit, net	—	265
Net cash provided by financing activities	<u>575</u>	<u>788</u>
Net increase (decrease) in cash and cash equivalents	136	(202)
Cash and cash equivalents, beginning of period	149	341
Cash and cash equivalents, end of period	<u>\$ 285</u>	<u>\$ 139</u>
Supplemental disclosures of cash flow information:		
Cash paid for interest	<u>\$ 32</u>	<u>\$ 10</u>
Supplemental disclosures of non-cash financing activities:		
Issuance of convertible debt-related party for prepaid business advisory services	<u>\$ 150</u>	<u>\$ —</u>
Issuance of common shares for settlement of liabilities	<u>\$ 130</u>	<u>\$ —</u>
Issuance of common shares for settlement of related party liabilities	<u>\$ —</u>	<u>\$ 105</u>

See accompanying notes to condensed consolidated financial statements.

Sphere 3D Corp.
Consolidated Statements of Shareholders' Equity (Deficit)
(in thousands of U.S. dollars, except shares)
(unaudited)

	Preferred Shares		Common Shares		Accumulated Other Comprehensive Loss	Accumulated Deficit	Total Shareholders' Equity
	Shares	Amount	Shares	Amount			
Balance at January 1, 2020	8,443,778	\$ 8,444	3,850,105	\$ 186,161	\$ (1,769)	\$ (191,596)	\$ 1,240
Issuance of common shares pursuant to the vesting of restricted stock units	—	—	20,420	—	—	—	—
Issuance of restricted stock awards for the settlement of liabilities	—	—	146,300	130	—	—	130
Share-based compensation	—	—	—	5	—	—	5
Other comprehensive income	—	—	—	—	(71)	—	(71)
Net loss	—	—	—	—	—	(1,103)	(1,103)
Balance at March 31, 2020	<u>8,443,778</u>	<u>\$ 8,444</u>	<u>4,016,825</u>	<u>\$ 186,296</u>	<u>\$ (1,840)</u>	<u>\$ (192,699)</u>	<u>\$ 201</u>

	Preferred Shares		Common Shares		Accumulated Other Comprehensive Loss	Accumulated Deficit	Total Shareholders' Deficit
	Shares	Amount	Shares	Amount			
Balance at January 1, 2019	—	\$ —	2,219,141	\$ 183,524	\$ (1,816)	\$ (187,315)	\$ (5,607)
Issuance of common shares pursuant to the vesting of restricted stock units	—	—	38,930	—	—	—	—
Issuance of restricted stock awards for the settlement of liabilities	—	—	42,000	105	—	—	105
Share-based compensation	—	—	—	124	—	—	124
Other comprehensive income	—	—	—	—	40	—	40
Net loss	—	—	—	—	—	(1,844)	(1,844)
Balance at March 31, 2019	<u>—</u>	<u>\$ —</u>	<u>2,300,071</u>	<u>\$ 183,753</u>	<u>\$ (1,776)</u>	<u>\$ (189,159)</u>	<u>\$ (7,182)</u>

See accompanying notes to condensed consolidated financial statements.

Sphere 3D Corp.
Notes to Condensed Consolidated Financial Statements
(Unaudited)

1. Organization and Business

Sphere 3D Corp. (the “Company”) was incorporated under the *Business Corporations Act (Ontario)* on May 2, 2007 as T.B. Mining Ventures Inc. On March 24, 2015, the Company completed a short-form amalgamation with a wholly-owned subsidiary. In connection with the short-form amalgamation, the Company changed its name to “Sphere 3D Corp.” The Company delivers data management and desktop and application virtualization solutions through hybrid cloud, cloud and on premise implementations by its global reseller network. The Company achieves this through a combination of containerized applications, virtual desktops, virtual storage and physical hyper-converged platforms. The Company’s products allow organizations to deploy a combination of public, private or hybrid cloud strategies while backing them up with the latest storage solutions. The Company has a portfolio of brands including SnapCLOUD[®], SnapServer[®], SnapSync[®], HVE, and V3[®].

Management has projected that cash on hand will not be sufficient to allow the Company to continue operations beyond August 31, 2020 if we are unable to raise additional funding for operations. We expect our working capital needs to increase in the future as we continue to expand and enhance our operations. Our ability to raise additional funds through equity or debt financings or other sources may depend on the financial success of our current business and successful implementation of our key strategic initiatives, financial, economic and market conditions and other factors, some of which are beyond our control. No assurance can be given that we will be successful in raising the required capital at reasonable cost and at the required times, or at all. Further equity financings may have a dilutive effect on shareholders and any debt financing, if available, may require restrictions to be placed on our future financing and operating activities. If we require additional capital and are unsuccessful in raising that capital, we may not be able to continue our business operations and advance our growth initiatives, which could adversely impact our business, financial condition and results of operations.

Significant changes from the Company’s current forecasts, including but not limited to: (i) failure to comply with the terms and financial covenants in its debt facilities; (ii) shortfalls from projected sales levels; (iii) unexpected increases in product costs; (iv) increases in operating costs; (v) changes in the historical timing of collecting accounts receivable; and (vi) inability to maintain compliance with the requirements of the NASDAQ Capital Market and/or inability to maintain listing with the NASDAQ Capital Market could have a material adverse impact on the Company’s ability to access the level of funding necessary to continue its operations at current levels. If any of these events occurs or the Company is unable to generate sufficient cash from operations or financing sources, the Company may be forced to liquidate assets where possible and/or curtail, suspend or cease planned programs or operations generally or seek bankruptcy protection or be subject to an involuntary bankruptcy petition, any of, which would have a material adverse effect on the Company’s business, results of operations, financial position and liquidity.

The Company incurred losses from operations and negative cash flows from operating activities for the three months ended March 31, 2020, and such losses may continue for the foreseeable future. Based upon the Company’s current expectations and projections for the next year, the Company believes that it will not have sufficient liquidity necessary to sustain operations beyond August 31, 2020. These factors, among others, raise substantial doubt that the Company will be able to continue as a going concern. The accompanying condensed consolidated financial statements have been prepared on a going concern basis, which contemplates the realization of assets and the satisfaction of liabilities in the normal course of business.

2. Significant Accounting Policies

Principles of Consolidation

The condensed consolidated financial statements of the Company have been prepared by management in accordance with accounting principles generally accepted in the United States of America (“GAAP”), applied on a basis consistent for all periods. Accordingly, they do not include all of the information and disclosures required by U.S. GAAP for a complete set of financial statements. These condensed consolidated financial statements and notes thereto should be read in conjunction with the audited consolidated financial statements and notes thereto included in the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, filed with the SEC on May 13, 2020. In the opinion of management, all adjustments of a normal recurring nature considered necessary for a fair presentation have been included. The results of operations of any interim period are not necessarily indicative of the results of operations to be expected for the full fiscal year. These condensed consolidated financial statements include the accounts of the Company and its subsidiaries, all of which are wholly owned. All intercompany balances and transactions have been appropriately eliminated in consolidation.

Use of Estimates

The preparation of the condensed consolidated financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the condensed consolidated financial statements and reported amounts of revenues and expenses during the reporting period. Significant areas requiring the use of management estimates relate to the determination of provisions for impairment assessments of goodwill, other indefinite-lived intangible assets; revenue; allowance for doubtful receivables; inventory valuation; warranty provisions; and litigation claims. Actual results could differ from these estimates.

Foreign Currency Translation

The financial statements of foreign subsidiaries, for which the functional currency is the local currency, are translated into U.S. dollars using the exchange rate at the consolidated balance sheet date for assets and liabilities and a weighted-average exchange rate during the year for revenue, expenses, gains and losses. Translation adjustments are recorded as other comprehensive income (loss) within shareholders’ equity. Gains or losses from foreign currency transactions are recognized in the condensed consolidated statements of operations. Such transactions resulted in a gain of \$9,000 and loss of \$22,000 in the three months ended March 31, 2020 and 2019, respectively.

Cash Equivalents

Highly liquid investments with insignificant interest rate risk and original maturities of three months or less, when purchased, are classified as cash equivalents. Cash equivalents are composed of money market funds. The carrying amounts approximate fair value due to the short maturities of these instruments.

Accounts Receivable

Accounts receivable is recorded at the invoiced amount and is non-interest bearing. We estimate our allowance for doubtful accounts based on an assessment of the collectability of specific accounts and the overall condition of the accounts receivable portfolio. When evaluating the adequacy of the allowance for doubtful accounts, we analyze specific trade and other receivables, historical bad debts, customer credits, customer concentrations, customer credit-worthiness, current economic trends and changes in customers' payment terms and/or patterns. We review the allowance for doubtful accounts on a quarterly basis and record adjustments as considered necessary. Customer accounts are written-off against the allowance for doubtful accounts when an account is considered uncollectable.

Inventories

Inventories are stated at the lower of cost and net realizable value using the first-in-first-out method. Net realizable value is the estimated selling price in the ordinary course of business, less reasonably predictable costs of completion, disposal, and transportation. We assess the value of inventories periodically based upon numerous factors including, among others, expected product or material demand, current market conditions, technological obsolescence, current cost, and net realizable value. If necessary, we write down our inventory for obsolete or unmarketable inventory by an amount equal to the difference between the cost of the inventory and the net realizable value.

Investment in Affiliate

The Company holds an investment in equity securities of a nonpublic company for business and strategic purposes. The equity securities do not have a readily determinable fair value and are carried at cost minus impairment, if any, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same issuer. The Company reviews its investment on a regular basis to determine if the investment is impaired. For purposes of this assessment, the Company considers the investee's cash position, earnings and revenue outlook, liquidity and management ownership, among other factors, in its review. If management's assessment indicates that an impairment exists, the Company estimates the fair value of the equity investment and recognizes in current earnings an impairment loss that is equal to the difference between the fair value of the equity investment and its carrying amount.

Goodwill and Intangible Assets

Goodwill represents the excess of consideration paid over the value assigned to the net tangible and identifiable intangible assets acquired. For intangible assets purchased in a business combination, the estimated fair values of the assets received are used to establish their recorded values. For intangible assets acquired in a non-monetary exchange, the estimated fair values of the assets transferred (or the estimated fair values of the assets received, if more clearly evident) are used to establish their recorded values. Valuation techniques consistent with the market approach, income approach and/or cost approach are used to measure fair value.

Purchased intangible assets are amortized on a straight-line basis over their economic lives of six to 25 years for channel partner relationships, three to nine years for developed technology, three to eight years for capitalized development costs, and two to 25 years for customer relationships as this method most closely reflects the pattern in which the economic benefits of the assets will be consumed.

Impairment of Goodwill and Intangible Assets

Goodwill and intangible assets are tested for impairment on an annual basis at December 31, or more frequently if there are indicators of impairment. Triggering events for impairment reviews may be indicators such as adverse industry or economic trends, restructuring actions, lower projections of profitability, or a sustained decline in our market capitalization. Intangible assets are quantitatively assessed for impairment, if necessary, by comparing their estimated fair values to their carrying values. If the carrying value exceeds the fair value, the difference is recorded as an impairment.

Revenue Recognition

The Company accounts for revenue pursuant to ASU 2014-09, *Revenue from Contracts with Customers* and all the related amendments (“Topic 606”). Under Topic 606, an entity is required to recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services, and contract consideration will be recognized on a “sell-in basis” or when control of the purchased goods or services transfer to the distributor.

The Company generates revenue primarily from: (i) solutions for standalone storage and integrated hyper-converged storage; (ii) professional services; and (iii) warranty and customer services. The Company recognizes revenue when it transfers promised goods or services to customers in an amount that reflects the consideration to which the Company expects to be entitled in exchange for those goods or services. To determine revenue recognition for contracts with customers the Company performs the following five steps: (i) identify the promised goods or services in the contract; (ii) identify the performance obligations in the contract, including whether they are distinct in the context of the contract; (iii) determine the transaction price, including the constraint on variable consideration; (iv) allocate the transaction price to the performance obligations in the contract; and (v) recognize revenue when (or as) the Company satisfies the performance obligations.

Approximately 70% of the Company’s revenue is recognized when performance obligations under the terms of a contract with a customer are satisfied at a point in time. These contracts are generally comprised of a single performance obligation to transfer products. Accordingly, the Company recognizes revenue when change of control has been transferred to the customer, generally at the time of shipment of products. The Company sells its products both directly to customers and through distributors generally under agreements with payment terms typically less than 45 days. Revenue on direct product sales, excluding sales to distributors, are not entitled to any specific right of return or price protection, except for any defective product that may be returned under our standard product warranty. Product sales to distribution customers that are subject to certain rights of return, stock rotation privileges and price protections, contain a component of “variable consideration.” Revenue is measured as the amount of consideration the Company expects to receive in exchange for transferring products and is generally based upon a negotiated fixed price and is net of estimates for variable considerations.

For performance obligations related to warranty and customer services, such as extended product warranties, the Company transfers control and recognizes revenue on a time-elapsed basis. The performance obligations are satisfied as services are rendered typically on a stand-ready basis over the contract term, which is generally 12 months.

In limited circumstances where a customer is unable to accept shipment and requests products be delivered to, and stored on, the Company’s premises, also known as a “bill-and-hold” arrangement, revenue is recognized when: (i) the customer has requested delayed delivery and storage of the products, (ii) the goods are segregated from the inventory, (iii) the product is complete, ready for shipment and physical transfer to the customer, and (iv) the Company does not have the ability to use the product or direct it to another customer.

The Company also enters into revenue arrangements that may consist of multiple performance obligations of its product and service offerings such as for sales of hardware devices and extended warranty services. The Company allocates contract fees to the performance obligations on a relative stand-alone selling price basis. The Company determines the stand-alone selling price based on its normal pricing and discounting practices for the specific product and/or service when sold separately. When the Company is unable to establish the individual stand-alone price for all elements in an arrangement by reference to sold separately instances, the Company may estimate the stand-alone selling price of each performance obligation using a cost plus a margin approach, by reference to third party evidence of selling price, based on the Company’s actual historical selling prices of similar items, or based on a combination of the aforementioned methodologies; whichever management believes provides the most reliable estimate of stand-alone selling price.

Warranty and Extended Warranty

The Company records a provision for standard warranties provided with all products. If future actual costs to repair were to differ significantly from estimates, the impact of these unforeseen costs or cost reductions would be recorded in subsequent periods.

Separately priced extended on-site warranties and service contracts are offered for sale to customers on all product lines. The Company contracts with third party service providers to provide service relating to on-site warranties and service contracts. Extended warranty and service contract revenue and amounts paid in advance to outside service organizations are deferred and recognized as service revenue and cost of service, respectively, over the period of the service agreement. The Company will typically apply the practical expedient to agreements wherein the period between transfer of any good or service in the contract and when the customer pays for that good or service is one year or less. Advanced payments for long-term maintenance and warranty contracts do not give rise to a significant financing component. Rather, such payments are required by the Company primarily for reasons other than the provision of finance to the entity.

Research and Development Costs

Research and development expenses include payroll, employee benefits, share-based compensation expense, and other headcount-related expenses associated with product development. Research and development expenses also include third-party development and programming costs.

Comprehensive Income (Loss)

Comprehensive income (loss) and its components encompass all changes in equity other than those arising from transactions with shareholders, including net loss and foreign currency translation adjustments, and is disclosed in a separate condensed consolidated statement of comprehensive loss.

Share-based Compensation

We account for share-based awards, and similar equity instruments, granted to employees, non-employee directors, and consultants under the fair value method. Share-based compensation award types include stock options and restricted stock. We use the Black-Scholes option pricing model to estimate the fair value of option awards on the measurement date, which generally is the date of grant. The expense is recognized over the requisite service period (usually the vesting period) for the estimated number of instruments for which service is expected to be rendered. The fair value of restricted stock units ("RSUs") is estimated based on the market value of the Company's common shares on the date of grant. The fair value of options granted to non-employees is estimated at the measurement date using the Black-Scholes option pricing model.

Share-based compensation expense for options with graded vesting is recognized pursuant to an accelerated method. Share-based compensation expense for RSUs is recognized over the vesting period using the straight-line method. Share-based compensation expense for an award with performance conditions is recognized when the achievement of such performance conditions are determined to be probable. If the outcome of such performance condition is not determined to be probable or is not met, no compensation expense is recognized and any previously recognized compensation expense is reversed. Forfeitures are recognized in share-based compensation expense as they occur.

We have not recognized, and do not expect to recognize in the near future, any tax benefit related to share-based compensation cost as a result of the full valuation allowance of our net deferred tax assets and its net operating loss carryforward.

Recently Issued Accounting Pronouncements

From time to time, new accounting pronouncements are issued by the Financial Accounting Standards Board (“FASB”) that are adopted by the Company as of the specified effective date. If not discussed, the Company believes that the impact of recently issued standards, which are not yet effective, will not have a material impact on the Company’s consolidated financial statements upon adoption.

Recently Adopted Accounting Pronouncements

In August 2018, the FASB issued Accounting Standards Update (“ASU”) No. 2018-13, *Fair Value Measurement (Topic 820)* (“ASU 2018-13”). The new guidance removes, modifies and adds to certain disclosure requirements on fair value measurements in Topic 820, Fair Value Measurement. The update is effective for annual reporting periods, including interim periods, beginning after December 15, 2019. The adoption of the new standard did not have an effect on our financial position, results of operations or cash flows.

In January 2017, the FASB issued ASU No. 2017-04, *Intangibles - Goodwill and Other (Topic 350) - Simplifying the Test for Goodwill Impairment* (“ASU 2017-04”). The update simplifies the subsequent measurement of goodwill by eliminating Step 2 from the goodwill impairment test. An entity should perform its annual, or interim, goodwill impairment test by comparing the fair value of a reporting unit with its carrying amount, and recognize an impairment charge for the amount by which the carrying amount exceeds the reporting unit’s fair value, if applicable. The loss recognized should not exceed the total amount of goodwill allocated to the reporting unit. The same impairment test also applies to any reporting unit with a zero or negative carrying amount. An entity still has the option to perform the qualitative assessment for a reporting unit to determine if the quantitative impairment test is necessary. The update is effective for annual reporting periods, including interim periods, beginning after December 15, 2019, on a prospective basis. The adoption of the new standard did not have an effect on our financial position, results of operations or cash flows.

3. Certain Balance Sheet Items

The following table summarizes inventories (in thousands):

	March 31, 2020	December 31, 2019
Raw materials	\$ 124	\$ 92
Work in process	165	137
Finished goods	405	524
	<u>\$ 694</u>	<u>\$ 753</u>

The following table summarizes other current assets (in thousands):

	March 31, 2020	December 31, 2019
Transition service agreement	\$ 168	\$ 345
Deferred cost - service contracts	115	118
Prepaid insurance and services	378	207
Other	5	—
	<u>\$ 666</u>	<u>\$ 670</u>

The following table summarizes other assets (in thousands):

	March 31, 2020	December 31, 2019
Prepaid insurance and services	\$ 486	\$ 519
Deferred cost – service contracts	125	154
Other	5	6
	<u>\$ 616</u>	<u>\$ 679</u>

4. Intangible Assets

The following table summarizes intangible assets, net (in thousands):

	March 31, 2020	December 31, 2019
Developed technology	\$ 13,323	\$ 13,323
Channel partner relationships	730	730
Capitalized development costs ⁽¹⁾	2,779	3,047
Customer relationships	380	380
	<u>17,212</u>	<u>17,480</u>
Accumulated amortization:		
Developed technology	(12,803)	(12,682)
Channel partner relationships	(385)	(355)
Capitalized development costs ⁽¹⁾	(1,997)	(2,094)
Customer relationships	(331)	(328)
	<u>(15,516)</u>	<u>(15,459)</u>
Total finite-lived assets, net	1,696	2,021
Indefinite-lived intangible assets - trade names	280	280
Total intangible assets, net	<u>\$ 1,976</u>	<u>\$ 2,301</u>

(1) Includes the impact of foreign currency exchange rate fluctuations.

Amortization expense of intangible assets was \$246,000 and \$266,000 during the three months ended March 31, 2020 and 2019, respectively. Estimated amortization expense for intangible assets is expected to be approximately \$665,000 for the remainder of 2020 and \$480,000, \$342,000, \$34,000, \$12,000, and \$11,000 in fiscal 2021, 2022, 2023, 2024 and 2025, respectively.

5. Investment in Affiliate

In November 2018, in connection with the divestiture of Overland, the Company received 1,879,699 Silicon Valley Technology Partners (“SVTP”) Preferred Shares representing 19.9% of the outstanding shares of capital stock of SVTP with a fair value of \$2.1 million. The fair value of this investment was estimated using discounted cash flows and consideration of the Exchange Agreement described below. The Company concluded it does not have a significant influence over the investee. There were no known identified events or changes in circumstances that may have a significant adverse effect on the fair value of the investment at March 31, 2020.

In November 2018, the Company also entered into an Exchange and Buy-Out Agreement (the “Exchange Agreement”), between the Company, FBC Holdings, SVTP, and MF Ventures LLC (“MFV”). Under the terms of the Exchange Agreement, (i) the Company granted FBC Holdings the right to exchange up to 2,500,000 of the Company’s Series B Preferred Shares held by FBC Holdings for up to all of the SVTP Preferred Shares held by the Company (the “Exchange Right”), with such Exchange Right expiring within two years of the November 2018 closing.

On July 12, 2019, in connection with the Exchange Agreement, the Company entered into an amendment to the Exchange Agreement by and among the Company, FBC Holdings, SVTP and MFV such that the rights and obligations under the Exchange Agreement would apply to the Series B Preferred Shares in respect of which the Series A Preferred Shares were exchanged under the Share Exchange Agreement.

In connection with the Exchange Agreement, the Company entered into a security and pledge agreement between the Company and FBC Holdings, pursuant to which, among other things, the Company granted a security interest to FBC Holdings in all the SVTP Preferred Shares held by the Company to secure the Company’s obligations under the Exchange Agreement.

6. Debt

Convertible Debt

On February 13, 2020, the Company entered into a business advisory agreement with Torrington Financial Services Ltd (“Torrington”), a financial adviser to the Company. As a result of the March 23, 2020 transaction, Torrington and its entity under common control, Lallande Poydras Investment Partnership (“Lallande”), both participated in the below offering and are classified as a related party of the Company.

On March 23, 2020, the Company entered into subscription agreements by and among the Company and the investors party thereto, including Torrington and Lallande, for the purchase and sale of 725 units (collectively, the “Units” and individually, a “Unit”) for aggregate gross proceeds of \$725,000 with each Unit consisting of (a) a 6.0% convertible debenture in the principal amount of \$1,000, which is convertible at \$0.6495 per share into 1,540 common shares of the Company, and (b) a warrant to purchase 1,540 common shares of the Company exercisable at any time on or before the third year anniversary date at an exercise price of \$0.60 per share. The warrant includes a provision restricting the warrant holder from exercising it if the aggregate number of common shares held by the warrant holder equals or exceeds 5.0% of the issued and outstanding shares of the Company, calculated on a partially converted basis (i.e., assuming the conversion of all rights to receive common shares of the Company held by the warrant holder). All values are assigned to the debts and no value has been assigned to the equity component. Torrington and Lallande participated in the offering and in the aggregate purchased 200 units, as well as for compensation for Torrington’s services, the Company issued to Torrington convertible debentures equal to \$58,000 and convertible into 89,320 common shares and a warrant for the purchase of 89,320 shares, with other terms substantially the same as the investors. The Company received cash proceeds of \$575,000 from the offering, and a participant of the offering paid on the Company’s behalf \$150,000 directly to a business advisor for a prepayment of future services to the Company. The Company intends to use the remaining proceeds from the offering for general corporate and working capital purposes.

Line of credit

The Company has a line of credit agreement with a bank with a maximum borrowing limit, effective July 2, 2019, of \$500,000. Borrowings under this agreement bear interest at a rate of 6.5% per annum. The line of credit expires on September 19, 2020. Borrowings under the line of credit are secured by the inventory and accounts receivable balances of the Company. At March 31, 2020, the outstanding balance was \$491,000.

The line of credit agreement also contains customary insurance requirements, limits on cross collateralization and events of default, including, among other things, failure to make payments, insolvency or bankruptcy, business termination, merger or consolidation or acquisition without written consent, a material impairment in the perfection or priority of the Lender's lien in the collateral or in the value of such collateral, or material adverse change to the business that would impair the loan.

7. Fair Value Measurements

The authoritative guidance for fair value measurements establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers include: Level 1, defined as observable inputs such as quoted prices in active markets; Level 2, defined as inputs other than quoted prices in active markets that are either directly or indirectly observable; and Level 3, defined as unobservable inputs in which little or no market data exists, therefore requiring an entity to develop its own assumptions.

Assets and Liabilities that are Measured at Fair Value on a Recurring Basis

Our financial instruments include cash equivalents, accounts receivable, accounts payable, accrued expenses, debt, related party debt and preferred shares. Fair value estimates of these instruments are made at a specific point in time, based on relevant market information. These estimates may be subjective in nature and involve uncertainties and matters of significant judgment and therefore cannot be determined with precision. The carrying amount of cash equivalents, accounts receivable, prepaid expenses, accounts payable and accrued expenses are generally considered to be representative of their respective fair values because of the short-term nature of those instruments. The carrying value of debt and related party debt approximates its fair value as the borrowing rates are substantially comparable to rates available for loans with similar terms. The Company estimates the fair value of the preferred shares utilizing Level 2 inputs, including market yields for similar instruments.

Assets and Liabilities that are Measured at Fair Value on a Nonrecurring Basis

The Company's non-financial assets such as investment in affiliate, goodwill, intangible assets and property and equipment are recorded at fair value when an impairment is recognized or at the time acquired in a business combination.

8. Preferred Shares

Series C Preferred Shares

On October 30, 2019, the directors of the Company passed a resolution authorizing the filing of articles of amendment to create a third series of preferred shares, being, an unlimited number of Series C Preferred Shares and to provide for the rights, privileges, restrictions and conditions attaching thereto. On November 6, 2019, the Company filed the Articles of Amendment to create the Series C Preferred Shares. Pursuant to the articles of amendment governing the rights and preferences of outstanding shares of Series C Preferred Shares, each preferred share, subject to prior shareholder approval, are convertible into our common shares, at a conversion rate in effect on the date of conversion. Overland, a related party and the sole shareholder of the Series C Preferred Shares, agreed that it would not exercise its conversion right with respect to its Series C Preferred Shares until the earlier of (i) October 31, 2020 and (ii) such time that we file for bankruptcy or an involuntary petition for bankruptcy is filed against us (unless such petition is dismissed or discharged within 30 days) provided that after such conversion the common shares issuable, together with the aggregate common shares held by Overland would not exceed 19.9% of the total number of outstanding common shares of the Company. At March 31, 2020, the Company has issued and outstanding 1,600,000 Series C Preferred Shares of the Company valued at \$1.00 per share.

Series B Preferred Shares

In July 2019, the Company filed articles of amendment to create a second series of preferred shares, being, an unlimited number of Series B Preferred Shares and to provide for the rights, privileges, restrictions and conditions attaching thereto. In July 2019, following the filing of the Articles of Amendment to create the Series B Preferred Shares, the Company entered into a share exchange agreement (the "Share Exchange Agreement") with FBC Holdings to exchange 6,500,000 Series A Preferred Shares held by FBC Holdings for 6,500,000 Series B Preferred Shares. The outstanding Series B Preferred Shares may be redeemed at any time and from time to time after December 19, 2019 at the option of the Company.

In July 2019, in connection with the Share Exchange Agreement, the Company entered into an amendment to the Exchange and Buy-Out Agreement by and among the Company, FBC Holdings, SVTP and MFV such that the rights and obligations under the Exchange and Buy-Out Agreement would apply to the Series B Preferred Shares in respect of which the Series A Preferred Shares were exchanged under the Share Exchange Agreement.

For the three months ended March 31, 2020 and 2019, there was related party interest expense of none and \$130,000, respectively, related to Series A Preferred Shares dividends.

The Series B Preferred Shares (i) are convertible into the Company's common shares, subject to prior shareholder approval, at a conversion rate equal to \$1.00 per share, plus accrued and unpaid dividends, divided by an amount equal to 0.85 multiplied by a 15-day volume weighted average price per common share prior to the date the conversion notice is provided (the "Conversion Rate"), subject to a conversion price floor of \$0.80, (ii) if the Company receives any cash dividends on its equity investment in Silicon Valley Technology Partners, Inc., in an amount equal to such cash dividend received, cumulative cash dividends at a rate of 8.0% of the Series B Preferred Shares, (iii) after November 13, 2020, fixed, preferential, cumulative cash dividends at the rate of 8.0% of the Series B Preferred Shares subscription price per year, and (iv) carry a liquidation preference equal to the subscription price per Series B Preferred Share plus any accrued and unpaid dividends.

The common shares issuable upon the conversion of the Series B Preferred Shares may constitute more than 20% of the common shares of the Company currently outstanding and may result in a change of control of the Company, and therefore the Company will seek shareholder approval for the issuance of all common shares issuable upon conversion of the Series B Preferred Shares; provided, however, that the Company shall not seek shareholder approval unless such approval would occur after the six-month anniversary of the initial issue date of the Series B Preferred Shares. In the event shareholder approval is not obtained, FBC Holdings and its affiliates will not be entitled to convert such Series B Preferred Shares into common shares, but any unaffiliated transferee may convert all or any part of the Series B Preferred Shares held by such transferee into the number of fully paid and non-assessable common shares that is equal to the number of Series B Preferred Shares to be converted multiplied by the Conversion Rate in effect on the date of conversion; provided that, (x) after such conversion, the common shares issuable upon such conversion, together with all common shares held by such third party transferee that are or would be deemed to be aggregated under the rules of the Nasdaq Stock Market, in the aggregate would not exceed 19.9% of the total number of common shares of the Company then outstanding and (y) such conversion and issuance would not otherwise violate or cause the Company to violate the Company's obligations under the rules or regulations of the Nasdaq Stock Market.

Management has determined that the conversion terms of the Series B Preferred Shares and Series C Preferred Shares do not cause the preferred shares to be treated as liability instruments, and accordingly such preferred shares are presented as equity instruments.

9. Share Capital

In October 2019, the Company entered into a share purchase agreement and issued 149,500 common shares of the Company at \$1.19 per share to a supplier in exchange for the satisfaction of certain accounts payable. The aggregate amount of the obligations shall be reduced by the cash proceeds actually received by the supplier from the sale of the common shares. On May 26, 2020, the Company received notification of the sale of common shares had been settled and the Company received a reduction to its outstanding accounts payable of \$299,000.

In October 2019, the Company entered into a share purchase agreement with a related party supplier of the Company and issued 330,000 common shares of the Company at \$1.07 per share to the supplier in exchange for the satisfaction of certain accounts payable. The aggregate amount of the obligations shall be reduced by the cash proceeds actually received by the supplier from the sale of the common shares. On April 21, 2020, the Company received notification of the sale of common shares had been settled and the Company received a reduction to its outstanding accounts payable of \$157,000.

In August 2019, the Company entered into a purchase agreement for a private placement to issue 251,823 common shares of the Company, of which 175,765 common shares have been issued at a purchase price of \$1.29 per share for gross proceeds of \$325,000. The remaining 76,058 common shares are pending issuance due to the Company not receiving the information necessary to issue the common shares. The Company used the proceeds from the offering for general corporate and working capital purposes.

Warrants

At March 31, 2020, the Company had the following outstanding warrants to purchase common shares:

<u>Date issued</u>	<u>Contractual life (years)</u>	<u>Exercise price</u>	<u>Number outstanding</u>	<u>Expiration</u>
May 2015	5	\$800.00	4,200	May 31, 2020
October 2015	5	\$466.00	2,010	October 14, 2020
December 2015	5	\$500.00	5,138	December 15, 2020
December 2015	5	\$216.00	7,500	December 4, 2020
March 2016	5	\$500.00	150	March 4, 2021
August 2017	5	\$42.00	37,500	August 11, 2022
August 2017	5	\$42.00	11,876	August 16, 2022
August 2017	5	\$42.00	25,625	August 22, 2022
April 2018	5	\$5.60	111,563	April 17, 2023
March 2020	3	\$0.60	1,205,820	March 23, 2023
			<u>1,411,382</u> ⁽¹⁾	

(1) Includes warrants to purchase up to 628,320 common shares, in the aggregate, outstanding to related parties at March 31, 2020.

10. Equity Incentive Plans

During the three months ended March 31, 2020 and 2019, the Company granted awards of restricted stock units of none and 100,000, respectively, of which the 100,000 granted in 2019 were outside of the 2015 Performance Incentive Plan. The restricted stock units were recorded at fair value on the date of grant. Restricted stock units typically vest over a period of approximately three years. The restricted stock units granted outside of the 2015 Performance Incentive Plan are fully vested.

Restricted Stock Awards

During the three months ended March 31, 2020 and 2019, the Company granted restricted stock awards (“RSA”) in lieu of cash payment for services performed. The estimated fair value of the RSAs was based on the market value of the Company’s common shares on the date of grant. During the three months ended March 31, 2020 and 2019, the Company granted RSAs of 146,300 and 42,000, respectively, with a fair value of \$130,000 and \$105,000, respectively.

Share-Based Compensation Expense

The Company recorded the following compensation expense related to its share-based compensation awards:

	Three Months Ended March 31,	
	2020	2019
Cost of sales	\$ —	\$ 693
Sales and marketing	2,014	10,313
Research and development	2,532	18,471
General and administrative	—	94,565
Total share-based compensation expense	\$ 4,546	\$ 124,042

As of March 31, 2020, there was no unrecognized compensation expense related to equity-based compensation awards.

11. Net Loss per Share

Basic net loss per share is computed by dividing net loss applicable to common shareholders by the weighted-average number of common shares outstanding during the period. For all periods presented, there is no difference in the number of shares used to calculate basic and diluted shares outstanding due to the Company’s net loss position.

Anti-dilutive common share equivalents excluded from the computation of diluted net loss per share were as follows:

	Three Months Ended March 31,	
	2020	2019
Common share purchase warrants	1,411,382	205,687
Convertible debt	1,116,500	—
Restricted stock not yet vested or released	—	114,066
Options outstanding	1,175	10,298

12. Related Party Transactions

In October 2019, the Company entered into a conversion agreement by and among the Company, HVE and Overland under which Overland agreed to convert the following debt, accrued payables and prepayment of future goods and services into 1,600,000 Series C Preferred Shares of the Company valued at \$1.00 per share: (i) principal and accrued interest of \$520,000 under the Secured Promissory Note dated November 13, 2018 by and among the Company, HVE and Overland; (ii) accrued fees of \$632,000 under the TSA dated November 13, 2018 by and among the Company and Overland; and (iii) prepayment of \$448,000 for future goods and services under the TSA. As of March 31, 2020 and December 31, 2019, prepaid assets included \$168,000 and \$345,000, respectively, for prepayment of services under the TSA.

In November 2018, the Company entered into a TSA to facilitate an orderly transition process for the divestiture of Overland. The TSA has terms ranging from up to 24 months depending on the service. Net expense incurred by the Company related to such agreement was approximately \$172,000 and \$81,000 during the three months ended March 31, 2020 and 2019, respectively.

As of March 31, 2020 and December 31, 2019, accounts payable and accrued liabilities included \$1,000 and none, respectively, due to related parties.

13. Commitments and Contingencies

Letters of credit

During the ordinary course of business, the Company provides standby letters of credit to third parties as required for certain transactions initiated by the Company. As of March 31, 2020, the Company had no outstanding standby letters of credit.

Warranty and Extended Warranty

The Company had \$0.2 million and \$0.3 million in deferred costs included in other current and non-current assets related to deferred service revenue at March 31, 2020 and December 31, 2019, respectively. Changes in the liability for product warranty and deferred revenue associated with extended warranties and service contracts were as follows (in thousands):

	Deferred Revenue
Liability at January 1, 2020	\$ 1,109
Settlements made during the period	(271)
Change in liability for warranties issued during the period	119
Change in liability for pre-existing warranties	—
Liability at March 31, 2020	<u>\$ 957</u>
Current liability	593
Non-current liability	364
Liability at March 31, 2020	<u>\$ 957</u>

Litigation

The Company is, from time to time, subject to claims and suits arising in the ordinary course of business. In the opinion of management, the ultimate resolution of such pending proceedings will not have a material effect on the Company's results of operations, financial position or cash flows.

In January 2018, Mr. Vito Lupis filed a statement of claim in the Ontario Court of Justice alleging, among other things, breach of contracts, deceit and negligence against Mr. Giovanni J. Morelli, a former officer of the Company, and vicarious liability against the Company, in connection with stock purchase agreements and other related agreements that would have been entered into between Mr. Lupis and the Company in 2012. In March 2019, the Company and Mr. Lupis entered into a settlement agreement pursuant to which the Company has agreed to pay Mr. Lupis certain consideration, which is included in general and administrative expense, in exchange for a dismissal of the action. Currently, the Company has a judgment against it for the outstanding balance of the settlement.

In April 2015, we filed a proof of claim in connection with bankruptcy proceedings of V3 Systems, Inc. ("V3") based on breaches by V3 of the Asset Purchase Agreement entered into between V3 and the Company dated February 11, 2014 (the "APA"). On October 6, 2015, UD Dissolution Liquidating Trust ("UD Trust"), post-confirmation liquidating trust established by V3's plan of liquidation, filed a complaint against us and certain of our current and former directors in the U.S. Bankruptcy Court for the District of Utah Central Division objecting to our proof of claim and asserting claims for affirmative relief against us and our directors. This complaint alleges, among other things, that Sphere 3D breached the APA and engaged in certain other actions and/or omissions that caused V3 to be unable to timely sell the Sphere 3D common shares received by V3 pursuant to the APA. The UD Trust seeks, among other things, monetary damages for the loss of the potential earn-out consideration, the value of the common shares held back by us pursuant to the APA and costs and fees.

In March 2018, UD Trust filed a complaint in U.S. District Court for the Northern District of California ("California Complaint") asserting that two transactions involving the Company constitute fraudulent transfers under federal and state law. First, UD Trust alleges that the consolidation of the Company's and its subsidiaries' indebtedness to the Cyrus Group into a debenture between FBC Holdings and the Company in December 2014 constitutes a fraudulent transfer. Second, UD Trust alleges that the Share Purchase Agreement constitutes a fraudulent transfer, and seeks to require that the proceeds of the transaction be placed in escrow until the V3 litigation is resolved. The California Complaint also asserts a claim against the Company's former CEO for breach of fiduciary duty, and a claim against the Cyrus Group for aiding and abetting breach of fiduciary duty. On July 25, 2018, we filed a motion seeking to dismiss all of the claims asserted against the Company and its former CEO. On the same day, the Cyrus Group filed a motion seeking to dismiss all claims asserted against the Cyrus Group. The UD Trust voluntarily dismissed this case without prejudice on February 5, 2020.

On October 22, 2019, UD Trust filed an amended complaint in the Delaware Bankruptcy Court. The amended complaint includes all of the claims and parties in the original complaint first filed in October 2015 in the Utah Bankruptcy Court as well as the claims and additional parties in the California Complaint. We continue to believe this lawsuit to be without merit and intend to vigorously defend against the action. On February 10, 2020, we filed a renewed motion seeking to dismiss the majority of the claims asserted by the UD Trust in the amended complaint. On that same day, we also filed a counterclaim against the UD Trust in which we allege that V3 breached numerous provisions of the APA. The Company's current and former officers and directors that were named as defendants in the amended complaint as well as the Cyrus Group all filed motions seeking to dismiss all claims that the UD Trust alleged against them. The parties are currently completing briefing of these matters.

14. Subsequent Events

On April 9, 2020, the Company received loan proceeds in the amount of \$667,400 (the “PPP Funds”) and entered into a loan agreement with City National Bank pursuant to the CARES Act. The CARES Act was established in order to enable small businesses to pay employees during the economic slowdown caused by COVID-19 by providing forgivable loans to qualifying businesses for up to 2.5 times their average monthly payroll costs. The amount borrowed by the Company under the CARES Act is eligible to be forgiven provided that (a) the Company uses the PPP Funds during the eight week period after receipt thereof, and (b) the PPP Funds are only used to cover payroll costs (including benefits), rent, mortgage interest, and utility costs. The amount of loan forgiveness will be reduced if, among other reasons, the Company does not maintain staffing or payroll levels. Principal and interest payments on any unforgiven portion of the PPP Funds (the “PPP Loan”) will be deferred for six months and will accrue interest at a fixed annual rate of 1.0% and carry a two year maturity date. There is no prepayment penalty on the CARES Act Loan.

On April 21, 2020, two investors entered into share purchase agreements with a related party of the Company to acquire in the aggregate 330,000 common shares of the Company. As a result of this transaction, 1542082 Ontario Limited (“1542082 Ontario”), an investor participating in the March 23, 2020 offering, will hold enough common shares of the Company to be classified as a related party. 1542082 Ontario acquired 120,000 common shares of the Company in this transaction. In March 2020, 1542082 Ontario, paid on the Company’s behalf \$150,000 directly to a business advisor for a prepayment of future services to the Company.

Between April 7, 2020 and April 24, 2020, the Company converted \$377,000 of convertible debt and issued 580,580 common shares of the Company, of which \$176,000 of debt converted was held by related parties, and they were issued in the aggregate 271,040 common shares.

On April 24, 2020, the Company entered into a consulting agreement (the “ROK Consulting Agreement”) with ROK Consulting Inc. (“ROK”) to provide consulting services to the Company in the area of corporate finance, investor communications and financial and investor public relations. As compensation for ROK’s services to be provided pursuant to the ROK Consulting Agreement, in addition to cash compensation, the Company has agreed to issue to ROK 375,000 common shares of the Company, 150,000 of such shares were due at signing of the ROK Consulting Agreement, while the remaining 225,000 shares are to be issued upon the completion of the three-month term of the ROK Consulting Agreement. On June 19, 2020, the Company issued 150,000 common shares of the Company with a fair value of \$360,000 to ROK per the terms of the ROK Consulting Agreement.

On April 30, 2020, the Company entered into a Securities Purchase Agreement (the “Securities Purchase Agreement”) with two investors (the “Purchasers”) relating to the issuance and sale, in the aggregate, of 1,694,000 shares (the “Shares”) of the Company’s subsequently established Series D Convertible Preferred Shares, no par value and warrants to purchase up to 1,694,000 common shares of the Company in a private placement transaction, in exchange for the assignment to the Company by the investors of certain promissory notes receivable held by the investors in an aggregate amount of \$1.1 million. Subject to certain limitations, the warrants will be exercisable commencing on the six month anniversary at an exercise price equal to \$0.92 per common share, subject to adjustments as provided under the terms of the warrants, and are exercisable for a five years period. The warrants include a provision restricting the warrant holder from exercising it if the aggregate number of common shares held by the warrant holder equals or exceeds 5.0% of the issued and outstanding shares of the Company, calculated on a partially converted basis (i.e., assuming the conversion of all rights to receive common shares of the Company held by the warrant holder). On May 25, 2020, the Company converted 450,000 shares of the Series D Preferred Shares and issued 450,000 common shares of the Company. As a result of the conversion, one of the Purchasers, Gora Consulting Corp. (“Gora”) is classified as a related party to the Company. Gora participated in the Securities Purchase Agreement by acquiring 847,000 Shares and warrants to purchase 847,000 common shares, in exchange for the assignment to the Company certain promissory notes receivable held by Gora in an aggregate amount of \$550,000. On May 25, 2020, Gora was issued 225,000 common shares. In addition, on April 21, 2020, the sole owner of Gora entered into a share purchase agreement with an employee of the Company and acquired 211,745 common shares of the Company.

On May 6, 2020, the Company filed articles of amendment to create a fourth series of preferred shares, being, an unlimited number of Series D Preferred Shares and to provide for the rights, privileges, restrictions and conditions attaching thereto. The Series D Preferred Shares are convertible into our common shares, at a conversion price equal to \$0.65, subject to certain anti-dilution adjustments. Each shareholder of the Series D Preferred Shares, may, at any time, convert all or any part of the Series D Preferred Shares provided that after such conversion the common shares issuable, together with all the common shares held by the shareholder in the aggregate would not exceed 9.9% of the total number of outstanding common shares of the Company or in the aggregate no more than 800,000 common shares by all holders of Series D Preferred Shares. The Series D Preferred Shares do not have voting rights.

On May 15, 2020, the Company entered into an equity purchase agreement and registration rights agreement with Oasis Capital, LLC (“Oasis Capital”), to purchase from the Company up to \$11.0 million common shares of the Company. Under the purchase agreement, the Company has the right to sell up to \$11.0 million of its common shares to Oasis Capital over a 36-month period, upon satisfaction of the conditions in the Agreement, including the effectiveness of a resale registration statement being filed on Form S-1. The Company will control the timing and amount of any sales to Oasis Capital, and Oasis Capital is obligated to make purchases in accordance with the purchase agreement, upon certain terms and conditions being met. The purchase agreement, which contains a floor price of \$1.58 per common share, allows the Company to fund its needs in a more expedient and cost-effective manner, on the pricing terms set forth in the purchase agreement. The equity line is designed to provide capital to the company as it is required.

On June 1, 2020, the Company entered into a consulting agreement with GROUPE PARAMÉUS CORP (“GROUPE P”) to provide consulting services for one year to the Company in the area of corporate finance, investor communications and financial and investor public relations. As compensation for GROUPE P’s services to be provided pursuant to the consulting agreement, in addition to a prepayment of \$150,000 in cash, the Company granted 100,000 restricted stock awards, 100,000 common shares of the Company pursuant to the terms of Regulation D under the Securities Act of 1933, and a non-qualified stock option for the purchase of 50,000 common shares at an exercise price of \$2.52 per share with a vest period over six months. On June 16, 2020, the Company issued 200,000 common shares to GROUPE P with a fair value of \$504,000.

In the second quarter of 2020, the Company entered into various other consulting agreements for business advisory services. On June 16, 2020, the Company granted 130,000 of restricted stock awards and issued 130,000 common shares of the Company with a fair value of \$327,000 in lieu of cash payment to certain business advisors for future services to be performed. The Company granted to the same business advisors, in the aggregate, non-qualified stock options for the purchase of 80,000 common shares with an exercise price of \$2.52 per share for future services to be performed for the Company.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The following quarterly management's discussion and analysis ("MD&A") should be read in conjunction with our unaudited condensed consolidated financial statements and the accompanying notes of Sphere 3D Corp. (the "Company") for the three months ended March 31, 2020. The condensed consolidated financial statements have been presented in United States ("U.S.") dollars and have been prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP"). Unless the context otherwise requires, any reference to the "Company," "Sphere 3D," "we," "our," "us" or similar terms refers to Sphere 3D Corp. and its subsidiaries. Unless otherwise indicated, all references to "\$" and "dollars" in this discussion and analysis mean U.S. dollars.

This MD&A includes forward-looking statements that involve risks, uncertainties and assumptions that are difficult to predict. Words and expressions reflecting optimism, satisfaction or disappointment with current prospects, as well as words such as "believes," "hopes," "intends," "estimates," "expects," "projects," "plans," "anticipates" and variations thereof, or the use of future tense, identify forward-looking statements, but their absence does not mean that a statement is not forward-looking. Forward-looking statements are based on information currently available to us and on estimates and assumptions made by us regarding, among other things, general economic conditions, in light of our experience and perception of historical trends, current conditions and expected future developments, as well as other factors that we believe are appropriate and reasonable in the circumstances, but there can be no assurance that such estimates and assumptions will prove to be correct. Many factors could cause actual results, performance or achievements or future events or developments to differ materially from those expressed or implied by the forward-looking statements, including, but not limited to: the inability to maintain compliance with the requirements of the NASDAQ Capital Market and/or inability to maintain listing with the NASDAQ Capital Market; the limited operating history of Sphere 3D; the impact of competition; the investment in technological innovation; any defects in components or design of Sphere 3D's products; the retention or maintenance of key personnel; the possibility of significant fluctuations in operating results; the ability of Sphere 3D to maintain business relationships; financial, political or economic conditions; financing risks; future acquisitions; the ability of Sphere 3D to protect its intellectual property; third party intellectual property rights; volatility in the market price for the common shares of the Company; compliance by Sphere 3D with financial reporting and other requirements as a public company; conflicts of interests; future sales of common shares by Sphere 3D's directors, officers and other shareholders; dilution and future sales of common shares. For more information on these risks, you should refer to the Company's filings with the securities regulatory authorities, including the Company's most recently filed Annual Report on Form 10-K, which is available on SEDAR at www.sedar.com and EDGAR at www.sec.gov. In evaluating such statements, we urge you to specifically consider various factors identified in this report, any of which could cause actual results to differ materially from those indicated by such forward-looking statements. Forward-looking statements speak only as of the date of this report and we undertake no obligation to publicly update any forward-looking statements to reflect new information, events or circumstances after the date of this report. Actual events or results may differ materially from such statements.

Overview

Sphere 3D was incorporated under the *Business Corporations Act (Ontario)* on May 2, 2007 as T.B. Mining Ventures Inc. On March 24, 2015, the Company completed a short-form amalgamation with a wholly-owned subsidiary. In connection with the short-form amalgamation, the Company changed its name to "Sphere 3D Corp." Sphere 3D provides solutions for stand-alone storage and technologies that converge the traditional silos of compute, storage and network into one integrated hyper-converged or converged solution. We provide enterprise storage management solutions, and the ability to connect to public cloud services such as Microsoft Azure for additional delivery options and hybrid cloud capabilities. Our integrated solutions include a patented portfolio for operating systems for storage, proprietary virtual desktop orchestration software, and proprietary application container software. Our software, combined with commodity x86 servers, or purpose-built appliances, deliver solutions designed to provide application mobility, security, data integrity and simplified management. These solutions can be deployed through a public, private or hybrid cloud and are delivered through a global reseller network and professional services organization. We have a portfolio of brands including SnapServer®, HVE ConneXions ("HVE") and UCX ConneXions ("UCX"), dedicated to helping customers achieve their IT goals.

Nasdaq Listing

On November 12, 2018, we received a letter from the Nasdaq Listing Qualifications department of The Nasdaq Stock Market LLC notifying us that we were not in compliance with the requirement of Nasdaq Marketplace Rule 5550(b)(1) for continued inclusion on the NASDAQ Capital Market because the Company's stockholders' equity was below the required minimum of \$2.5 million. On May 14, 2019, we received written notification from The NASDAQ Stock Market, LLC notifying us that we had not regained compliance with the minimum value of the Company's stockholders' equity of \$2.5 million. On November 6, 2019, the Company received notification from the Nasdaq Hearings Panel (the "Panel") that the Company has regained compliance with the \$2.5 million stockholders' equity requirement based on the Company's disclosures contained in its Form 8-K filed with the Securities and Exchange Commission on November 1, 2019. The Panel further advised that if the Company again falls below the \$2.5 million stockholders' equity requirement on or before November 1, 2020, the Company will be notified of such non-compliance and will at that time be afforded a hearing before the Panel, which could result in the Company's delisting.

On January 3, 2020, the Company received a letter from the Nasdaq Listing Qualifications department of The Nasdaq Stock Market LLC notifying the Company that it was not in compliance with the requirement of Nasdaq Marketplace Rule 5550(a)(2) for continued inclusion on the NASDAQ Capital Market as a result of the closing bid price for the Company's common stock being below \$1.00 for 30 consecutive business days. This notification has no effect on the listing of the Company's common shares at this time. On May 19, 2020, we received notification from Nasdaq that we had regained compliance with Marketplace Rule 5550(a)(2), as the closing price of our common stock was at least equal to \$1.00 per share for each of the ten consecutive business days between May 4, 2020 and May 18, 2020.

First Quarter of 2020 and Recent Key Events Include:

- On June 1, 2020, the Company entered into a consulting agreement with GROUPE PARAMEUS CORP ("GROUPE P") to provide consulting services for one year to the Company in the area of corporate finance, investor communications and financial and investor public relations. As compensation for GROUPE P's services to be provided pursuant to the consulting agreement, in addition to a prepayment of \$150,000 in cash, the Company granted 100,000 restricted stock awards, 100,000 common shares of the Company pursuant to the terms of Regulation D under the Securities Act of 1933, and a non-qualified stock option for the purchase of 50,000 common shares at an exercise price of \$2.52 per share with a vest period over six months. On June 16, 2020, the Company issued 200,000 common shares to GROUPE P with a fair value of \$504,000.
- In the second quarter of 2020, the Company entered into various other consulting agreements for business advisory services. On June 16, 2020, the Company granted 130,000 of restricted stock awards and issued 130,000 common shares of the Company with a fair value of \$327,000 in lieu of cash payment to certain business advisors for future services to be performed. The Company granted to the same business advisors, in the aggregate, non-qualified stock options for the purchase of 80,000 common shares with an exercise price of \$2.52 per share for future services to be performed for the Company.
- On May 15, 2020, the Company entered into an equity purchase agreement and registration rights agreement with Oasis Capital, LLC ("Oasis Capital"), to purchase from the Company up to \$11.0 million common shares of the Company. Under the purchase agreement, the Company has the right to sell up to \$11.0 million of its common shares to Oasis Capital over a 36-month period, upon satisfaction of the conditions in the Agreement, including the effectiveness of a resale registration statement being filed on Form S-1. The Company will control the timing and amount of any sales to Oasis Capital, and Oasis Capital is obligated to make purchases in accordance with the purchase agreement, upon certain terms and conditions being met. The purchase agreement, which contains a floor price of \$1.58 per common share, allows the Company to fund its needs in a more expedient and cost-effective manner, on the pricing terms set forth in the purchase agreement. The equity line is designed to provide capital to the company as it is required.

- On May 6, 2020, the Company filed articles of amendment to create a fourth series of preferred shares, being, an unlimited number of Series D Preferred Shares and to provide for the rights, privileges, restrictions and conditions attaching thereto. The Series D Preferred Shares are convertible into our common shares, at a conversion price equal to \$0.65, subject to certain anti-dilution adjustments. Each shareholder of the Series D Preferred Shares, may, at any time, convert all or any part of the Series D Preferred Shares provided that after such conversion the common shares issuable, together with all the common shares held by the shareholder in the aggregate would not exceed 9.9% of the total number of outstanding common shares of the Company or in the aggregate no more than 800,000 common shares by all holders of Series D Preferred Shares. The Series D Preferred Shares do not have voting rights.
- On April 30, 2020, the Company entered into a Securities Purchase Agreement (the “Securities Purchase Agreement”) with two investors (the “Purchasers”) relating to the issuance and sale, in the aggregate, of 1,694,000 shares (the “Shares”) of the Company’s subsequently established Series D Convertible Preferred Shares, no par value and warrants to purchase up to 1,694,000 common shares of the Company in a private placement transaction, in exchange for the assignment to the Company by the investors of certain promissory notes receivable held by the investors in an aggregate amount of \$1.1 million. Subject to certain limitations, the warrants will be exercisable commencing on the six month anniversary at an exercise price equal to \$0.92 per common share, subject to adjustments as provided under the terms of the warrants, and are exercisable for a five years period. The warrants include a provision restricting the warrant holder from exercising it if the aggregate number of common shares held by the warrant holder equals or exceeds 5.0% of the issued and outstanding shares of the Company, calculated on a partially converted basis (i.e., assuming the conversion of all rights to receive common shares of the Company held by the warrant holder). On May 25, 2020, the Company converted 450,000 shares of the Series D Preferred Shares and issued 450,000 common shares of the Company. As a result of the conversion, one of the Purchasers, Gora Consulting Corp. (“Gora”) is classified as a related party to the Company. Gora participated in the Securities Purchase Agreement by acquiring 847,000 Shares and warrants to purchase 847,000 common shares, in exchange for the assignment to the Company certain promissory notes receivable held by Gora in an aggregate amount of \$550,000. On May 25, 2020, Gora was issued 225,000 common shares. In addition, on April 21, 2020, the sole owner of Gora entered into a share purchase agreement with an employee of the Company and acquired 211,745 common shares of the Company.
- On April 24, 2020, the Company entered into a consulting agreement (the “ROK Consulting Agreement”) with ROK Consulting Inc. (“ROK”) to provide consulting services to the Company in the area of corporate finance, investor communications and financial and investor public relations. As compensation for ROK’s services to be provided pursuant to the ROK Consulting Agreement, in addition to cash compensation, the Company has agreed to issue to ROK 375,000 common shares of the Company, 150,000 of such shares were due at signing of the ROK Consulting Agreement, while the remaining 225,000 shares are to be issued upon the completion of the three month term of the ROK Consulting Agreement. On June 19, 2020, the Company issued 150,000 common shares of the Company to ROK with a fair value of \$360,000 per the terms of the ROK Consulting Agreement.
- On April 21, 2020, two investors entered into share purchase agreements to acquire in the aggregate 330,000 common shares of the Company. As a result of this transaction, 1542082 Ontario Limited (“1542082 Ontario”), an investor participating in the March 23, 2020 offering, will hold enough common shares of the Company be classified as a related party. 1542082 Ontario acquired 120,000 common shares of the Company in this transaction. In March 2020, 1542082 Ontario, paid directly \$150,000 to a business advisor on the behalf of the Company for a prepayment of future services to the Company.
- Between April 7, 2020 and April 24, 2020, the Company converted \$377,000 of convertible debt and issued 580,580 common shares of the Company, of which \$176,000 of debt converted was held by related parties, and they were issued in the aggregate 271,040 common shares.

- On April 9, 2020, the Company received loan proceeds in the amount of \$667,400 (the “PPP Funds”) and entered into a loan agreement with City National Bank pursuant to the CARES Act. The CARES Act was established in order to enable small businesses to pay employees during the economic slowdown caused by COVID-19 by providing forgivable loans to qualifying businesses for up to 2.5 times their average monthly payroll costs. The amount borrowed by the Company under the CARES Act is eligible to be forgiven provided that (a) the Company uses the PPP Funds during the eight week period after receipt thereof, and (b) the PPP Funds are only used to cover payroll costs (including benefits), rent, mortgage interest, and utility costs. The amount of loan forgiveness will be reduced if, among other reasons, the Company does not maintain staffing or payroll levels. Principal and interest payments on any unforgiven portion of the PPP Funds (the “PPP Loan”) will be deferred for six months and will accrue interest at a fixed annual rate of 1.0% and carry a two year maturity date. There is no prepayment penalty on the CARES Act Loan.
- On February 13, 2020, the Company entered into a business advisory agreement with Torrington Financial Services Ltd (“Torrington”), a financial adviser to the Company. As a result of the March 23, 2020 transaction, Torrington and its entity under common control, Lallande Poydras Investment Partnership (“Lallande”), both participated in the below offering and are classified as a related party of the Company. On March 23, 2020, the Company entered into subscription agreements by and among the Company and the investors party thereto, including Torrington and Lallande, for the purchase and sale of 725 units (collectively, the “Units” and individually, a “Unit”) for aggregate gross proceeds of \$725,000 with each Unit consisting of (a) a 6.0% convertible debenture in the principal amount of \$1,000, which is convertible at \$0.6495 per share into 1,540 common shares of the Company, and (b) a warrant to purchase 1,540 common shares of the Company exercisable at any time on or before the third year anniversary date at an exercise price of \$0.60 per share. The warrant includes a provision restricting the warrant holder from exercising it if the aggregate number of common shares held by the warrant holder equals or exceeds 5.0% of the issued and outstanding shares of the Company, calculated on a partially converted basis (i.e., assuming the conversion of all rights to receive common shares of the Company held by the warrant holder). Torrington and Lallande participated in the offering and in the aggregate purchased 200 units, as well as for compensation for Torrington’s services, the Company issued to Torrington convertible debentures equal to \$58,000 and convertible into 89,320 common shares and a warrant for the purchase of 89,320 shares, with other terms substantially the same as the investors. The Company received cash proceeds of \$575,000 from the offering, and a participant of the offering paid directly \$150,000 to a financial consultant for a prepayment of future services to the Company. The Company intends to use the remaining proceeds from the offering for general corporate and working capital purposes.

Results of Operations

The following table sets forth certain financial data as a percentage of revenue:

	Three Months Ended March 31,	
	2020	2019
Revenue	100.0 %	100.0 %
Cost of revenue	54.2	67.4
Gross profit	45.8	32.6
Operating expenses:		
Sales and marketing	30.1	21.3
Research and development	33.6	32.7
General and administrative	97.4	58.8
	161.1	112.8
Loss from operations	(115.3)	(80.2)
Interest expense	(0.9)	(6.8)
Other income, net	6.9	0.4
Net loss	(109.3)	(86.6)

The First Quarter of 2020 Compared with the First Quarter of 2019

Revenue

We had revenue of \$1.0 million during the first quarter of 2020 compared to \$2.1 million during the first quarter of 2019. The decrease of \$1.1 million is primarily a result of a decrease in product revenue due to a decline in sales units for disk systems from the HVE product line and our Snap product line.

Gross Profit

Gross profit and margin were as follows (in thousands, unless otherwise noted):

	Three Months Ended March 31,		Change
	2020	2019	
Gross profit	\$ 463	\$ 695	(33.4)%
Gross margin	45.8%	32.6%	40.5 %

In the first quarter of 2020, gross margin increased primarily due to a higher percentage of revenue related to service revenue compared to product revenue.

Operating Expenses

Sales and Marketing Expense

Sales and marketing expenses were \$0.3 million and \$0.5 million for the first quarter of 2020 and 2019, respectively. The decrease of \$0.2 million was primarily due to a decrease in employee and related expenses associated with a lower average headcount.

Research and Development Expense

Research and development expenses were \$0.3 million and \$0.7 million for the first quarter of 2020 and 2019, respectively. The decrease of \$0.4 million was primarily due to a decrease of \$0.2 million in employee and related expenses associated with a lower average headcount and a decrease of \$0.1 million in outside contractor fees.

General and Administrative Expense

General and administrative expenses were \$1.0 million and \$1.3 million for the first quarter of 2020 and 2019, respectively. The decrease of \$0.3 million was primarily due to a decrease of \$0.1 million in auditor and tax related fees and a decrease of \$0.1 million in share-based compensation expense.

Liquidity and Capital Resources

We have recurring losses from operations and a net working capital deficiency. Our primary source of cash flow is generated from sales of our disk automation systems and service revenue. We have financed our operations through gross proceeds from private sales of equity securities and with borrowings under our credit facility. At March 31, 2020, we had cash of \$285,000 compared to cash of \$149,000 at December 31, 2019. As of March 31, 2020, we had a working capital deficit of \$4.8 million, reflecting nominal change in current assets and a decrease in current liabilities of \$104,000 compared to December 31, 2019. Cash management and preservation continue to be a top priority. We expect to incur negative operating cash flows as we work to maintain and increase our sales volume, and maintain operational efficiencies.

On May 15, 2020, the Company entered into an equity purchase agreement and registration rights agreement with Oasis Capital, LLC (“Oasis Capital”), to purchase from the Company up to \$11.0 million common shares of the Company. Under the purchase agreement, the Company has the right to sell up to \$11.0 million of its common shares to Oasis Capital over a 36-month period, upon satisfaction of the conditions in the Agreement, including the effectiveness of a resale registration statement being filed on Form S-1. The Company will control the timing and amount of any sales to Oasis Capital, and Oasis Capital is obligated

to make purchases in accordance with the purchase agreement, upon certain terms and conditions being met. The purchase agreement, which contains a floor price of \$1.58 per common share, allows the Company to fund its needs in a more expedient and cost-effective manner, on the pricing terms set forth in the purchase agreement. The equity line is designed to provide capital to the company as it is required.

Between April 7, 2020 and April 24, 2020, the Company converted \$377,000 of convertible debt and issued 580,580 common shares of the Company, of which \$176,000 of debt converted was held by related parties, and they were issued in the aggregate 271,040 common shares.

On April 9, 2020, the Company received loan proceeds in the amount of \$667,400 (the “PPP Funds”) and entered into a loan agreement with City National Bank pursuant to the CARES Act. The CARES Act was established in order to enable small businesses to pay employees during the economic slowdown caused by COVID-19 by providing forgivable loans to qualifying businesses for up to 2.5 times their average monthly payroll costs. The amount borrowed by the Company under the CARES Act is eligible to be forgiven provided that (a) the Company uses the PPP Funds during the eight week period after receipt thereof, and (b) the PPP Funds are only used to cover payroll costs (including benefits), rent, mortgage interest, and utility costs. The amount of loan forgiveness will be reduced if, among other reasons, the Company does not maintain staffing or payroll levels. Principal and interest payments on any unforgiven portion of the PPP Funds (the “PPP Loan”) will be deferred for six months and will accrue interest at a fixed annual rate of 1.0% and carry a two year maturity date. There is no prepayment penalty on the CARES Act Loan.

On February 13, 2020, the Company entered into a business advisory agreement with Torrington, a financial adviser to the Company. As a result of the March 23, 2020 transaction, Torrington and its entity under common control, Lallande Poydras Investment Partnership (“Lallande”), both participated in the below offering and are classified as a related party of the Company. On March 23, 2020, the Company entered into subscription agreements by and among the Company and the investors party thereto, including Torrington and Lallande, for the purchase and sale of 725 Units for aggregate gross proceeds of \$725,000 with each Unit consisting of (a) a 6.0% convertible debenture in the principal amount of \$1,000, which is convertible at \$0.6495 per share into 1,540 common shares of the Company, and (b) a warrant to purchase 1,540 common shares of the Company exercisable at any time on or before the third year anniversary date at an exercise price of \$0.60 per share. The warrant includes a provision restricting the warrant holder from exercising it if the aggregate number of common shares held by the warrant holder equals or exceeds 5.0% of the issued and outstanding shares of the Company, calculated on a partially converted basis (i.e., assuming the conversion of all rights to receive common shares of the Company held by the warrant holder). Torrington and Lallande participated in the offering and in the aggregate purchased 200 units, as well as for compensation for Torrington’s services, the Company issued to Torrington convertible debentures equal to \$58,000 and convertible into 89,320 common shares and a warrant for the purchase of 89,320 shares, with other terms substantially the same as the investors. The Company received cash proceeds of \$575,000 from the Offering, and a participant of the offering paid directly \$150,000 to a financial consultant for a prepayment of future services to the Company. The Company intends to use the remaining proceeds from the offering for general corporate and working capital purposes.

Management has projected that cash on hand will not be sufficient to allow the Company to continue operations beyond August 31, 2020 if we are unable to raise additional funding for operations. We expect our working capital needs to increase in the future as we continue to expand and enhance our operations. Our ability to raise additional funds through equity or debt financings or other sources may depend on the financial success of our current business and successful implementation of our key strategic initiatives, financial, economic and market conditions and other factors, some of which are beyond our control. No assurance can be given that we will be successful in raising the required capital at reasonable cost and at the required times, or at all. Further equity financings may have a dilutive effect on shareholders and any debt financing, if available, may require restrictions to be placed on our future financing and operating activities. If we require additional capital and are unsuccessful in raising that capital, we may not be able to continue our business operations and advance our growth initiatives, which could adversely impact our business, financial condition and results of operations.

Significant changes from the Company's current forecasts, including but not limited to: (i) failure to comply with the terms and financial covenants in its debt facilities; (ii) shortfalls from projected sales levels; (iii) unexpected increases in product costs; (iv) increases in operating costs; (v) changes in the historical timing of collecting accounts receivable; and (vi) inability to maintain compliance with the requirements of the NASDAQ Capital Market and/or inability to maintain listing with the NASDAQ Capital Market could have a material adverse impact on the Company's ability to access the level of funding necessary to continue its operations at current levels. If any of these events occurs or the Company is unable to generate sufficient cash from operations or financing sources, the Company may be forced to liquidate assets where possible and/or curtail, suspend or cease planned programs or operations generally or seek bankruptcy protection or be subject to an involuntary bankruptcy petition, any of, which would have a material adverse effect on the Company's business, results of operations, financial position and liquidity.

As of March 31, 2020, our outstanding debt balance, including accrued interest, was as follows (in thousands):

	Maturity Date	Interest Rate	Amount Outstanding
Convertible debt	3/23/2023	6.0%	\$ 725
Line of credit	9/19/2020	6.5%	\$ 491

All debt and credit facilities are denominated in U.S. dollars. Our credit facility contains standard borrowing conditions and can be recalled by the lenders if certain conditions are not met.

The following table shows a summary of our cash flows (used in) provided by operating activities, investing activities and financing activities (in thousands):

	Three Months Ended March 31,	
	2020	2019
Net cash used in operating activities	\$ (439)	\$ (990)
Net cash used in investing activities	\$ —	\$ —
Net cash provided by financing activities	\$ 575	\$ 788

The use of cash during the first three months of 2020 was primarily a result of our net loss of \$1.1 million, offset by \$0.3 million in non-cash items, which included share-based compensation, depreciation and amortization.

During the first three months of 2020, we received \$0.6 million in net proceeds from convertible debentures, which \$0.2 million was from a related party. During the first three months of 2019, we received \$0.8 million in proceeds from related party debt and our line of credit.

Off-Balance Sheet Information

During the ordinary course of business, we may provide standby letters of credit to third parties as required for certain transactions initiated by us. As of March 31, 2020, we had no standby letters of credit outstanding.

Critical Accounting Policies and Estimates

The discussion and analysis of our financial position and results of operations is based on our unaudited consolidated interim financial statements included elsewhere in this Form 10-Q, which have been prepared in accordance with accounting principles generally accepted in the United States. We believe certain of our accounting policies are critical to understanding our financial position and results of operations. There have been no significant changes to our critical accounting judgments, policies and estimates as described in our Annual Report on Form 10-K for the year ended December 31, 2019.

Recent Accounting Pronouncements

See *Note 2 - Significant Accounting Policies* to our condensed consolidated financial statements for information about recent accounting pronouncements.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

As a “smaller reporting company”, we are not required to provide the information required by this Item.

Item 4. Controls and Procedures**Disclosure Controls and Procedures**

Under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, we conducted an evaluation of our disclosure controls and procedures, as such term is defined under Rules 13a-15(e) or 15d-15(e) under the Exchange Act. Based on this evaluation, our principal executive officer and our principal financial officer concluded that our disclosure controls and procedures were effective to give reasonable assurance that information required to be publicly disclosed is recorded, processed, summarized and reported on a timely basis as of the end of the period covered by this report.

Changes in Internal Control over Financial Reporting

There were no changes in our internal control over financial reporting during the three months ended March 31, 2020 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

PART II — OTHER INFORMATION

Item 1. Legal Proceedings.

The Company is, from time to time, subject to claims and suits arising in the ordinary course of business. In the opinion of management, the ultimate resolution of such pending proceedings will not have a material effect on the Company's results of operations, financial position or cash flows.

In January 2018, Mr. Vito Lupis filed a statement of claim in the Ontario Court of Justice alleging, among other things, breach of contracts, deceit and negligence against Mr. Giovanni J. Morelli, a former officer of the Company, and vicarious liability against the Company, in connection with stock purchase agreements and other related agreements that would have been entered into between Mr. Lupis and the Company in 2012. In March 2019, the Company and Mr. Lupis entered into a settlement agreement pursuant to which the Company has agreed to pay Mr. Lupis certain consideration, which is included in general and administrative expense, in exchange for a dismissal of the action. Currently, the Company has a judgment against it for the outstanding balance of the settlement.

In April 2015, we filed a proof of claim in connection with bankruptcy proceedings of V3 Systems, Inc. ("V3") based on breaches by V3 of the Asset Purchase Agreement entered into between V3 and the Company dated February 11, 2014 (the "APA"). On October 6, 2015, UD Dissolution Liquidating Trust ("UD Trust"), post-confirmation liquidating trust established by V3's plan of liquidation, filed a complaint against us and certain of our current and former directors in the U.S. Bankruptcy Court for the District of Utah Central Division objecting to our proof of claim and asserting claims for affirmative relief against us and our directors. This complaint alleges, among other things, that Sphere 3D breached the APA and engaged in certain other actions and/or omissions that caused V3 to be unable to timely sell the Sphere 3D common shares received by V3 pursuant to the APA. The UD Trust seeks, among other things, monetary damages for the loss of the potential earn-out consideration, the value of the common shares held back by us pursuant to the APA and costs and fees.

In March 2018, UD Trust filed a complaint in U.S. District Court for the Northern District of California ("California Complaint") asserting that two transactions involving the Company constitute fraudulent transfers under federal and state law. First, UD Trust alleges that the consolidation of the Company's and its subsidiaries' indebtedness to the Cyrus Group into a debenture between FBC Holdings and the Company in December 2014 constitutes a fraudulent transfer. Second, UD Trust alleges that the Share Purchase Agreement constitutes a fraudulent transfer, and seeks to require that the proceeds of the transaction be placed in escrow until the V3 litigation is resolved. The California Complaint also asserts a claim against the Company's former CEO for breach of fiduciary duty, and a claim against the Cyrus Group for aiding and abetting breach of fiduciary duty. On July 25, 2018, we filed a motion seeking to dismiss all of the claims asserted against the Company and its former CEO. On the same day, the Cyrus Group filed a motion seeking to dismiss all claims asserted against the Cyrus Group. The UD Trust voluntarily dismissed this case without prejudice on February 5, 2020.

On October 22, 2019, UD Trust filed an amended complaint in the Delaware Bankruptcy Court. The amended complaint includes all of the claims and parties in the original complaint first filed in October 2015 in the Utah Bankruptcy Court as well as the claims and additional parties in the California Complaint. We continue to believe this lawsuit to be without merit and intend to vigorously defend against the action. On February 10, 2020, we filed a renewed motion seeking to dismiss the majority of the claims asserted by the UD Trust in the amended complaint. On that same day, we also filed a counterclaim against the UD Trust in which we allege that V3 breached numerous provisions of the APA. The Company's current and former officers and directors that were named as defendants in the amended complaint as well as the Cyrus Group all filed motions seeking to dismiss all claims that the UD Trust alleged against them. The parties are currently completing briefing of these matters.

Item 1A. Risk Factors.

An investment in our Company involves a high degree of risk. In addition to the risk factors and other information included or incorporated by reference to this report, you should carefully consider each of the risk factors described in our Annual Report on Form 10-K for the fiscal year ended December 31, 2019, which is available on SEDAR at www.sedar.com and EDGAR at www.sec.gov. These risks and uncertainties are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently consider immaterial may also impair our business operations. If any of the risks actually occur, our business and financial results could be harmed and the trading price of our common shares could decline.

Risks Related to our Debt and Credit Facilities and our Liquidity

Our cash and other sources of liquidity will not be sufficient to fund our operations beyond August 31, 2020. If we raise additional funding through sales of equity or equity-based securities, your shares will be diluted. If we need additional funding for operations and we are unable to raise it, we may be forced to liquidate assets and/or curtail or cease operations or seek bankruptcy protection or be subject to an involuntary bankruptcy petition.

Management has projected that cash on hand will not be sufficient to allow the Company to continue operations beyond August 31, 2020 if we are unable to raise additional funding for operations. We expect our working capital needs to increase in the future as we continue to expand and enhance our operations. Our ability to raise additional funds through equity or debt financings or other sources may depend on the financial success of our current business and successful implementation of our key strategic initiatives, financial, economic and market conditions and other factors, some of which are beyond our control. No assurance can be given that we will be successful in raising the required capital at reasonable cost and at the required times, or at all. Further equity financings may have a dilutive effect on shareholders and any debt financing, if available, may require restrictions to be placed on our future financing and operating activities. If we require additional capital and are unsuccessful in raising that capital, we may not be able to continue our business operations and advance our growth initiatives, which could adversely impact our business, financial condition and results of operations.

If we raise additional funds by selling additional shares of our capital stock, or securities convertible into shares of our capital stock, the ownership interest of our existing shareholders will be diluted. The amount of dilution could be increased by the issuance of warrants or securities with other dilutive characteristics, such as anti-dilution clauses or price resets.

We urge you to review the additional information about our liquidity and capital resources in the “Management’s Discussion and Analysis of Financial Condition and Results of Operations” section of this report. If our business ceases to continue as a going concern due to lack of available capital or otherwise, it could have a material adverse effect on our business, results of operations, financial position, and liquidity.

Risks Related to Our Public Company Status and Our Common Shares

We have received notification from NASDAQ that we are not in compliance with the requirement of Nasdaq Marketplace Rule 5550(a)(2) for continued inclusion on the NASDAQ Capital Market as a result of the closing bid price for the Company’s common stock being below \$1.00 for 30 consecutive business days. If our common shares are delisted from the NASDAQ Capital Market, our business, financial condition, results of operations and share price could be adversely affected, and the liquidity of our common shares and our ability to obtain financing could be impaired.

On January 3, 2020, the Company received a letter from the Nasdaq Listing Qualifications department of The Nasdaq Stock Market LLC notifying the Company that it was not in compliance with the requirement of Nasdaq Marketplace Rule 5550(a)(2) for continued inclusion on the NASDAQ Capital Market as a result of the closing bid price for the Company’s common stock being below \$1.00 for 30 consecutive business days. This notification has no effect on the listing of the Company’s common shares at this time. On May 19, 2020, we received notification from Nasdaq that we had regained compliance with Marketplace Rule 5550(a)(2), as the closing price of our common stock was at least equal to \$1.00 per share for each of the ten consecutive business days between May 4, 2020 and May 18, 2020.

Sales of common shares issuable upon exercise of outstanding warrants, the conversion of outstanding preferred shares, or the effectiveness of our registration statement may cause the market price of our common shares to decline. Currently outstanding preferred shares could adversely affect the rights of the holders of common shares.

As of June 16, 2020, we have 6,843,778 Series B Preferred Shares, 1,600,000 Series C Preferred Shares and 1,224,000 Series D Preferred Shares outstanding. The conversion of the outstanding Series B, C and D Preferred Shares will result in substantial dilution to our common shareholders. Pursuant to our articles of amalgamation, our Board of Directors has the authority to fix and determine the voting rights, rights of redemption and other rights and preferences of preferred stock.

Pursuant to the articles of amendment governing the rights and preferences of outstanding shares of Series B Preferred Shares, each preferred share (i) subject to prior shareholder approval, are convertible into our common shares, at a conversion rate equal to \$1.00 per share, plus accrued and unpaid dividends, divided by an amount equal to 0.85 multiplied by a 15-day volume weighted average price per share of common stock prior to the date the conversion notice is provided, subject to a conversion price floor of \$0.80, (ii) if we receive any cash dividends on our equity investment in Silicon Valley Technology Partners, Inc., in an amount equal to such cash dividend received, cumulative cash dividends at a rate of 8% of the Series B Preferred Shares, (iii) after November 13, 2020, fixed, preferential, cumulative cash dividends at the rate of 8% of the Series B Preferred Shares subscription price per year, and (iv) carry a liquidation preference equal to the subscription price per Series B Preferred Share plus any accrued and unpaid dividends.

Pursuant to the articles of amendment governing the rights and preferences of outstanding shares of Series C Preferred Shares, each preferred share, subject to prior shareholder approval, are convertible into our common shares, at a conversion rate in effect on the date of conversion. Overland, the sole holder of the Series C Preferred Shares, may, at any time, convert all or any part of the Series C Preferred Shares provided that after such conversion the common shares issuable, together with all the common shares held by Overland in the aggregate would not exceed 19.9% of the total number of our outstanding common shares. On October 31, 2019, Overland agreed that it would not exercise its conversion right with respect to its Series C Preferred Shares until the earlier of (i) October 31, 2020 and (ii) such time that we file for bankruptcy or an involuntary petition for bankruptcy is filed against us (unless such petition is dismissed or discharged within thirty (30) days).

Pursuant to the articles of amendment governing the rights and preferences of outstanding shares of Series D Preferred Shares, each preferred share is convertible at the option of the holder thereof, into that number of shares of our common stock determined by dividing the Stated Value of such share of Series D Preferred Stock (which is \$0.65) by the conversion price. The initial conversion price, which is also \$0.65, shall be adjusted in the event that we (i) pay a stock dividend or otherwise make a distribution or distributions payable in shares of our common stock, (ii) subdivide outstanding shares of our common stock into a larger number of shares, (iii) combine (including by way of a reverse stock split) outstanding shares of our common stock into a small number of shares, or (iv) issue, in the event of a reclassification of shares of our common stock, any shares of our capital stock.

Additionally, as of June 16, 2020 we have warrants outstanding for the purchase of up to 3,101,182 common shares having a weighted-average exercise price of \$3.63 per share. The sale of our common shares upon exercise of our outstanding warrants, the conversion of the preferred shares into common shares, or the sale of a significant amount of the common shares issued or issuable upon exercise of the warrants in the open market, or the perception that these sales may occur, could cause the market price of our common shares to decline or become highly volatile.

The sale of our common stock to Oasis Capital may cause substantial dilution to our existing stockholders and the sale of the shares of common stock acquired by Oasis Capital could cause the price of our common stock to decline.

We have registered for sale 6,962,026 shares of common stock that we may sell to Oasis Capital under the Equity Purchase Agreement. It is anticipated that these shares will be sold over a period of up to approximately 36 months. The number of shares ultimately offered for sale by Oasis Capital is dependent upon the number of shares we elect to sell to Oasis Capital under the Equity Purchase Agreement. Sales by Oasis Capital of shares acquired pursuant to the Equity Purchase Agreement may result in dilution to the interests of other holders of our common stock.

The sale of a substantial number of shares of our common stock by Oasis Capital, or anticipation of such sales, could cause the trading price of our common stock to decline or make it more difficult for us to sell equity or equity-related securities in the future at a time and at a price that we might otherwise desire. Following the issuance of shares of common stock under the Equity Line, Oasis Capital may offer and resell the shares at a price and time determined by them. This may cause the market price of our common stock to decline, and the timing of sales and the price at which the shares are sold by Oasis Capital could have an adverse effect upon the public market for our common stock.

There is an increased potential for short sales of our common stock due to the sale of shares pursuant to the Equity Purchase Agreement, which could materially affect the market price of our common stock.

Downward pressure on the market price of our common stock that likely will result from resales of the common stock issued pursuant to the Equity Purchase Agreement could encourage short sales of common stock by market participants other than the selling stockholder. Generally, short selling means selling a security not owned by the seller. The seller is committed to eventually purchase the security previously sold. Short sales are used to capitalize on an expected decline in the security's price - typically, investors who sell short believe that the price of the stock will fall, and anticipate selling at a price higher than the price at which they will buy the stock. Significant amounts of such short selling could place further downward pressure on the market price of our common stock.

We may not be able to access sufficient funds under the Equity Purchase Agreement with Oasis Capital when needed.

Our ability to sell shares to Oasis Capital and obtain funds under the Equity Purchase Agreement is limited by the terms and conditions in the Equity Purchase Agreement, including restrictions on when we may sell shares to Oasis Capital, restrictions on the amounts we may sell to Oasis Capital at any one time, and a limitation on our ability to sell shares to Oasis Capital to the extent that it would cause Oasis Capital to beneficially own more than 9.99% of our outstanding common stock. In addition, any amounts we sell under the Equity Purchase Agreement may not satisfy all of our funding needs, even if we are able and choose to sell all \$11.0 million under the Equity Purchase Agreement.

The extent we rely on Oasis Capital as a source of funding will depend on a number of factors including, the prevailing market price and trading volume of our common shares and the extent to which we are able to secure working capital from other sources. If obtaining sufficient funding from Oasis Capital were to prove unavailable or prohibitively dilutive, we will need to secure another source of funding in order to satisfy our working capital needs. Even if we sell all 6,962,026 Purchase Shares to Oasis Capital, we may still need additional capital to fully implement our business, operating and development plans. Should the financing we require to sustain our working capital needs be unavailable or prohibitively expensive when we require it, the consequences could be a material adverse effect on our business, operating results, financial condition and prospects.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.

None.

Item 3. Defaults Upon Senior Securities.

None.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

None.

Item 6. Exhibits.

Exhibit Number	Description	Filed Herewith	Incorporated by Reference		
			Form	File No.	Date Filed
3.1	Certificate and Articles of Amalgamation of the Company		6-K	001-36532	3/25/2015
3.2	Certificate of Amendment to the Articles of Amalgamation of the Company		6-K	001-36532	7/17/2017
3.3	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	10/2/2018
3.4	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	10/5/2018
3.5	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	11/5/2018
3.6	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	11/14/2018
3.7	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	7/12/2019
3.8	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	11/8/2019
3.9	Certificate of Amendment to the Articles of Amalgamation of the Company		8-K	001-36532	5/8/2020
3.10	By-Law No. 1, as Amended		6-K	001-36532	7/17/2017
3.11	By-Law No. 2		6-K	001-36532	5/12/2017
4.1	Form of Debenture		8-K	001-36532	3/27/2020
4.2	Form of Warrant		8-K	001-36532	3/27/2020
4.3	Form of Warrant		8-K	001-36532	5/4/2020
10.1	Form of Subscription Agreement		8-K	001-36532	3/27/2020
10.2	Form of Purchase Agreement		8-K	001-36532	5/4/2020
10.3	Extension Letter dated March 3, 2020 between HVE Inc., a subsidiary of Sphere 3D Corp., and Citizens National Bank of Texas.		10-K	001-36532	5/14/2020
10.4	Business Advisory Agreement between Sphere 3D Corp. and Torrington Financial Services Ltd. dated February 13, 2020		10-K	001-36532	5/14/2020
10.5	U.S. Small Business Administration Note dated April 9, 2020 between the Company and Citizens National Bank of Texas		10-K	001-36532	5/14/2020
10.6	Equity Purchase Agreement dated May 15, 2020 between the Company and Oasis Capital, LLC		8-K	001-36532	5/19/2020
10.7	Registration Rights Agreement dated May 15, 2020 between the Company and Oasis Capital, LLC		8-K	001-36532	5/19/2020
10.8	Consulting Agreement dated April 24, 2020 between the Company and ROK Consulting Inc.		S-1	333-238531	5/20/2020

Exhibit Number	Description	Filed Herewith	Incorporated by Reference		
			Form	File No.	Date Filed
10.9	Form of Assignment Agreement dated May 4, 2020	X			
10.10	Extension Letter dated June 9, 2020 between HVE Inc., a subsidiary of Sphere 3D Corp., and Citizens National Bank of Texas	X			
10.11	Amendment to Equity Purchase Agreement dated June 18, 2020 between the Company and Oasis Capital, LLC	X			
10.12	Consulting Agreement dated June 1, 2020 between the Company and GROUPE PARAMEUS CORP	X			
31.1	Certification of CEO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	X			
31.2	Certification of CFO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002	X			
32	Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	X			
101.INS	XBRL Instance Document	X			
101.SCH	XBRL Taxonomy Extension Schema	X			
101.CAL	XBRL Taxonomy Extension Calculation Linkbase	X			
101.DEF	XBRL Taxonomy Extension Definition Linkbase	X			
101.LAB	XBRL Taxonomy Extension Label Linkbase	X			
101.PRE	XBRL Taxonomy Presentation Linkbase	X			

ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT (the "Agreement") is made effective as of the 4th day of May 2020, by and among [*] located at [*] (the "Assignor"); **Sphere 3D Corp** located at 895 Don Mills Road Building 2, Suite 900 Toronto, Ontario M3C 1W3 (the "Investor"); and **Rainmaker Worldwide Inc.** located 271 Brock Street, Peterborough, Ontario, K9H 2P8 (the "Company"). (the Company, the Assignor and the Investor are sometimes referred to in this Agreement singly as a "Party" or collectively as the "Parties".)

RECITALS

WHEREAS, the Company desires to fulfill certain debt obligation owed to the Assignor pursuant to a Convertible Promissory Notes in favor of Assignor each dated April 2, 2020 in the principal amounts of \$550,000 (as attached hereto as "Exhibit") (the principal and interest balances of the Note shall be referred to as the "Assigned Debt"); and

WHEREAS, the Assignor desires to assign all of its rights, title and interests in, to and under the Notes with respect to the Assigned Debt to the Investor; and

WHEREAS, to effectuate this understanding, the Parties agree to enter this Agreement.

NOW THEREFORE, in consideration of the mutual promises and agreements contained in this Agreement, and intending to be legally bound, the Parties agree as follows:

1. Assignment of Debt. Subject to the receipt by the Assignor of the Purchase Price, at Closing, the Assignor hereby assigns, sells and transfers all of its rights, title and interests in, to and under the Assigned Debt represented within the Notes to the Investor from the inception of the obligation, together with unpaid accrued interest on the Assigned Debt (the "Assignment").

1.1 The Company hereby acknowledges and approves the Assignment and covenants to record Investor as the owner of the Notes on the Company's books and records.

1.2 As consideration for the Assignment, the Investor will pay the Assignor 487,000 Pref D shares of 3D Sphere on Monday May 8th, 2020 (the "Deadline").

In the event that the Purchase Price is not received by the Assignor on or prior to the Deadline, this Agreement shall be terminated ab initio.

1.3 The Closing. The closing of the Assignment (the "Closing") shall take place at the offices of the Assignor not later than the Deadline. At the Closing, the Investor shall deliver to Assignor the Purchase Price as set forth herein. At the Closing, the Assignor will deliver the original of the Notes to Investor. Prior to Closing, Assignor shall maintain all incidents of ownership of the Notes.

2. Renewal. The Company hereby renews and affirms the Notes as legally binding obligations of the Company, regardless of any termination date or statute of limitation, and hereby extends the Assigned Debt until the satisfaction of the Assigned Debt.

3. Jurisdiction and Venue. The Parties agree that this Agreement shall be construed solely in accordance with the laws of the State of Nevada.

4. Representation and Warranties.

4.1. Company. The Company hereby represents and warrants the following: (a) as of the date hereof, the principal balance of the Notes is as set forth in the recitals of this Agreement is true and correct; (b) the Assignor or any affiliate of Assignor is not now, and has not been during the preceding three months, an officer, director, or more than 10% shareholder of the Company or in any other way an “affiliate” of the Company as that term is defined in Rule 144(a)(1) as promulgated under the Securities Act; (c) the Company has the requisite power and authority to enter into this Agreement and to consummate the transactions contemplated hereby and otherwise to carry out the Company’s obligations hereunder; (d) that they have sufficient reserved shares of Common Stock as required by Section 4(a) of the Notes to satisfy the conversion obligations of the Notes; (e) this Agreement constitutes the legal, valid and binding obligation of the Company; (f) neither the execution of this Agreement by the Company nor the consummation of the transactions contemplated hereby will result in a breach or violation of the terms of any agreement by which the Company is bound, or of any decree, judgment, order, law or regulation now in effect of any court or other governmental body applicable to the Company; and (g) the Company will not receive any portion of the Purchase Price from the Assignor.

4.2 Assignor. The Assignor hereby represents and warrants the following: (a) as of the date hereof, the principal balance of the Notes is as set forth in the recitals of this Agreement is true and correct; (b) the Assignor owns the Notes free and clear of all any and all liens, claims, encumbrances, preemptive rights, right of first refusal and adverse interests of any kind; (c) the Assignor or any affiliate of Assignor is not now, and has not been during the preceding three months, an officer, director, or more than 10% shareholder of the Company or in any other way an “affiliate” of the Company as that term is defined in Rule 144(a)(1) as promulgated under the Securities Act; (d) that after payment of the Purchase Price, the Company shall have no further obligations to the Assignor under the Notes or the transactions giving rise to the Notes; (e) the Assignor has the requisite power and authority to enter into this Agreement and to consummate the transactions contemplated hereby and otherwise to carry out the Assignor’s obligations hereunder; and no consent, approval or agreement of any individual or entity is required to be obtained by the Assignor in connection with the execution and performance by the Assignor of this Agreement or the execution and performance by the Assignor of any agreements, instruments or other obligations entered into in connection with this Agreement; (f) this Agreement constitutes the legal, valid and binding obligation of the Assignor; and (g) neither the execution of this Agreement by the Assignor nor the consummation of the transactions contemplated hereby will result in a breach or violation of the terms of any agreement by which the Assignor is bound, or of any decree, judgment, order, law or regulation now in effect of any court or other governmental body applicable to the Assignor.

4.3 Investor. The Investor hereby represents and warrants the following: (a) the Investor has the requisite power and authority to enter into this Agreement and to consummate the transactions contemplated hereby and otherwise to carry out the Investor’s obligations hereunder; and no consent, approval or agreement of any individual or entity is required to be obtained by the Investor in connection with the performance by the Investor of any agreements, instruments or other obligations entered into in connection with this Agreement; (b) this Agreement constitutes the legal, valid and binding obligation of the Investor; (c) neither the execution of this Agreement by the Investor nor the consummation of the transactions contemplated hereby will result in a breach or violation of the terms of any agreement by which the Investor is bound, or of any decree, judgment, order, law or regulation now in effect of any court or other government body applicable to the Investor; (d) the Investor is sophisticated in financial matters, qualifies as an “accredited investor” within the meaning of Regulation D of the Securities Act of 1933, as amended (the “Securities Act”), and has had access to such information as it has desired with respect to the Company, and has made such independent investigation of the Company as the Investor deems necessary or advisable in connection with the assignment hereunder, and the Investor is able to bear the economic and financial risk (including the risk that the Investor could lose the entire value of the Assigned Debt); (e) the Investor is acquiring the Assigned Debt for its own benefit and account for investment only and not with a view to, or for resale in connection with, a public

offering or distribution thereof; and (f) the Investor acknowledges that the Assigned Debt has not been registered under the Securities Act or the securities laws of any other jurisdiction and therefore no sale, transfer or other disposition of the Assigned Debt is permitted unless such transfer is registered under the Securities Act or other applicable securities laws, or an exemption from such registration is available.

5. Miscellaneous.

5.1 Counterparts. This Agreement may be executed in any number of counterparts by original or facsimile signature. All executed counterparts shall constitute one agreement notwithstanding that all signatories are not signatories to the original or the same counterpart. Facsimile and scanned signatures are considered original signatures

5.2 Modification. This Agreement may only be modified in a writing signed by all parties.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY BLANK]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed as of the day and year first above written.

Investor: Assignor:
Sphere 3D Corp.

By: _____ By: : _____
Name: Name:
Title: Title:

Company:

By: : _____
Name:
Title:

Note dated April 2, 2020

RAINMAKER

WORLDWIDE

THIS CONVERTIBLE PROMISSORY NOTE AND THE SECURITIES ISSUABLE UPON THE CONVERSION HEREOF HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933 OR UNDER ANY SECURITIES LAWS OF ANY STATE. THEY MAY NOT BE SOLD, OFFERED FOR SALE, PLEDGED, HYPOTHECATED OR OTHERWISE TRANSFERRED EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933, OR AN OPINION OF COUNSEL SATISFACTORY TO THE COMPANY THAT REGISTRATION IS NOT REQUIRED UNDER SUCH ACT OR ANY SUCH LAW.

CONVERTIBLE PROMISSORY NOTE

(Due: November 24, 2020)

US\$550,000 April 2, 2020

FOR VALUE RECEIVED, the undersigned, RAINMAKERWORLDWIDE INC., a Nevada corporation (the "Company") promises to pay to the order of [*], or permitted assigns (hereinafter, with any subsequent holder, the "Holder") the principal sum of \$550,000 with interest calculated at a rate of three percent (3.0%) simple interest per annum. Interest shall be calculated on the basis of the actual number of days elapsed over a 365-day year, commencing on March 24, 2020 and continuing on the outstanding principal until converted into shares of the Company.

1) Application of Payments. All payments of principal and interest shall be in lawful money of the United States of America, except as set forth below in connection with conversion of this Note.

2) Maturity Date. On November 24, 2020 (the "Maturity Date"), the principal amount hereof, together with all accrued interest hereon will convert into shares of Company.

3) Conversion at Maturity Date. The principal and interest will convert into shares of the Company at a price per share of 33.0 US cents representing one million six hundred and sixty-six thousand, six hundred and sixty-seven thousand (1,666,667). At no time can the note be converted into shares of the Company if such conversion would equate to owning greater than 5% of the Company.

4) Miscellaneous

(a) Reservation of Shares. The Company shall at all times reserve and keep available out of its authorized but unissued shares sufficient shares to effect the conversion of the Note.

(b) Successors and Assigns. Subject to the restrictions on transfer set forth in this Note, the rights and obligations of the Company and the Holder of this Note shall be binding upon and benefit the successors, assigns, heirs, administrators and transferees of the parties.

(c) Assignment. This Note shall be assignable by the Holder with prior written consent of the Company.

(d) Waivers. The terms of this Note shall be construed and governed in accordance with the laws of the Province of Ontario.

(e) Amendment or Waiver. Any term of this Note may be amended or waived with the written consent of the Company and Holder. Any amendment or waiver effected in accordance with this Section shall be binding upon Holder at the time outstanding, each future Holder of any Note and the Company.

(f) Notices. Any notice required or permitted under this Note shall be given in writing and shall be deemed effectively given (i) at the time of personal delivery, if delivery is in person; (ii) one (1) business day after transmission by email. Notices shall be delivered (i) if to the Holder, to the address and contact information for Holder set forth in the Company's books and records, and (ii) if to the Company, to 271 Brock Street, Peterborough, Ontario or at such other address as any party may designate by giving written notice to the other party.

(g) Severability. In the event any one or more of the provisions contained in this Note shall, for any reason, be held to be invalid, illegal, or unenforceable in whole or in part or in any respect, or in the event any one or more of the provisions of this Note operate or would prospectively operate to invalidate this Note, such invalidity, illegality, or unenforceability shall not affect any other provision of this Note. In such instance, this Note shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein and the remaining provisions of this Note shall remain operative and in full force and effect and in no way shall be affected, prejudiced or disturbed thereby.

(h) Delays or Omissions. No delay or omission on the part of the Holder in exercising any right under this Note shall operate as a waiver of such right or of any other right of the Holder, nor shall any delay, omission or waiver on any one occasion be deemed a bar to or waiver of the same or any other right on any future occasion. All rights and remedies existing hereunder are cumulative to, and not exclusive of, any rights or remedies otherwise available.

(i) Headings. The headings in this Note are for convenience of reference only and shall not define or limit any terms or provisions hereof.

(j) Entire Agreement. This Note constitutes the entire agreement between the parties, and no party shall be liable or bound to any other party in any manner by any warranties, representations, or covenants except as specifically set forth herein or therein.

IN WITNESS WHEREOF, Company has caused this Convertible Promissory Note to be signed in its name as of the date first above written.

RAINMAKER WORLDWIDE, INC.

By: _____

Name:

Title:

Agreed and Accepted by the Holder:

By: _____

Name:

Title



June 9, 2020

HVE, Inc.
100 Executive Ct. Suite 3
Waxahachie, Texas 75165

To Whom It May Concern:

Please be advised that HVE, Inc. currently has a line of credit with Citizens National Bank of Texas in the amount of \$500,000. The current maturity date of this line of credit is June 19, 2020. Until providing further financial stability, upon maturity the revolving line of credit will be bumped internally to a maturity to of September 19, 2020 to allow time for a complete pay off.

Please feel free to contact me if you have any questions in regard to this letter by e-mail at aj.woodall@cnbwax.com or directly at 972-351-5192.

Thanks,

Aaron J. Woodall
A.J. Woodall
Vice President
Citizens National Bank of Texas.



AMENDMENT TO EQUITY PURCHASE AGREEMENT

This Amendment (this “Amendment”), dated as of June 18, 2020, to that certain Equity Purchase Agreement (“Purchase Agreement”), between Sphere 3D Corp. (the “Company”) and Oasis Capital, LLC (the “Investor”). Capitalized terms not otherwise defined herein shall have the meanings ascribed to them in the Purchase Agreement.

RECITALS:

- A. Whereas, the Purchase Agreement contemplated the Company selling the Investor up to \$11,000,000 of Company Common Stock pursuant to the terms set forth therein;
- B. Whereas, as consideration for Investor’s commitment to purchase such securities pursuant to the terms of the Purchase Agreement, the Company agreed to issue certain Commitment Shares to the Investor;
- C. Whereas, the Company and Investor now desire to amend the Purchase Agreement to eliminate the issuance of Commitment Shares.
- D. Whereas, the Purchase Agreement may be amended in a written instrument signed by the Company and the Investor; and

AGREEMENTS

NOW, THEREFORE, in consideration of the covenants and mutual promises contained herein and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged and intending to be legally bound hereby, the parties agree as follows:

- 1. All references in the Purchase Agreement to “Commitment Shares” shall hereby be deleted.
- 2. Section 6.5 of the Purchase Agreement is hereby amended and restated in its entirety to read as follows:
“[Reserved.]”
- 3. Except as modified herein, the Purchase Agreement shall remain in full force and effect.
- 4. This Amendment may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and shall be binding upon all parties, their successors and assigns, and all of which taken together shall constitute one and the same Amendment. A signature delivered by facsimile shall constitute an original.
- 5. This Amendment shall be governed pursuant to Section 10.1 of the Agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the date set forth above.

COMPANY:

Sphere 3D Corp.

By: /s/ Peter Tassiopoulos

Name: Peter Tassiopoulos

Title: CEO

INVESTOR:

Oasis Capital, LLC

By: /s/ Adam Long

Name: Adam Long

Title: Managing Partner

CONSULTING AGREEMENT

THIS CONSULTING AGREEMENT is made and entered into as of June 1st, 2020 (the “Effective Date”) by and between **GROUPE PARAMEUS CORP**, a (hereinafter, the “Consultant”), with an address at 80 Cumberland street, suite 1707 Toronto Ont. (the “Consultant”), and Sphere 3D Corp., with an address at 895 Don Mills Road Bldg 2 Toronto Ontario Canada (“Company”).

WHEREAS, Consultant has experience in the area of corporate finance, investor communications and financial and investor public relations and the Company and Consultant wish for Consultant to provide services to the Company as hereinafter provided.

NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and the Consultant hereby agree as follows:

DUTIES.

The Company hereby engages the Consultant and the Consultant hereby accepts engagement as a consultant. It is understood and agreed, and it is the express intention of the parties to this Agreement, that the Consultant is an independent contractor, and not an employee or agent of the Company for any purpose whatsoever. Consultant shall perform all duties and obligations as described on Exhibit A hereto (the “Services”) and agrees to be available at such times as may be scheduled by the Company. It is understood, however, that the Consultant will maintain Consultant’s own business in addition to providing services to the Company. The Consultant agrees to promptly perform all services required of the Consultant hereunder in an efficient, professional, trustworthy and businesslike manner. A description of the Consultant’s services are attached hereto as Exhibit A and incorporated by reference herein.

In connection with Consultant’s performance of the Services specified in the Statement of Work, Company agrees to provide Consultant and/or each subcontractor, such materials as may be necessary for the Services to be performed (the “Materials”). The Company hereby represents, warrants, covenants and agrees that the Materials will be true and accurate and shall be free of any material omissions or misstatements and otherwise compliant with all applicable laws.

The Company shall provide disclosures in each of its Forms 10-K and 10-Q as to the existence of this Agreement and any Statement of Work, the amount paid or to be paid in connection with each Statement of Work and the types of services to be provided under each Statement of Work.

During the Term, the Company shall advise Consultant of any and all promotional activities with respect to its securities, prior to the commencement of such activities, including, but not limited to, press releases and engagements with other investment relations firms or other service providers providing services similar to those or the Services provided in a Statement of Work.

CONSULTING SERVICES & COMPENSATION. Commencing on the Effective Date, the Consultant will be retained as a Consultant and independent contractor for the Company for the Term as set forth in Section 3. For services rendered hereunder during the term, the Consultant shall receive:

A cash pre-payment of US\$150,000 which Consultant acknowledges it received directly from an investor participating in the Company’s March 2020 convertible debenture offering and that no additional cash payment is due and payable under this Agreement.

A total of 100,000 of the Company’s restricted common stock issued under and pursuant to the terms of Regulation D under the Securities Act of 1933 (the “Shares”) shall be issued upon execution of this contract provided that the issuance of the Shares shall be subject to prior approval of the Board of Directors. The company shall cause its counsel to provide an opinion letter for removal of any legend when and if such legend may be removed in accordance with applicable law.

A one time issuance of 50,000 Common Stock options priced at the Nasdaq Official Closing Price (“NCOP”) on the date of approval of the Board of Directors of the company. All options shall vest monthly for six months.

A total of 100,000 RSA’s (“Restricted Stock Awards”) that vest immediately, subject to prior approval of the Board of Directors.

TERM & TERMINATION. This Agreement is for a term (the “Term”) of 12 months from the Effective Date on June 1st 2020 and expiring May 31st 2021.

(a) In the case that the company would not like to extend the terms of agreement for an additional month. The company must notify the consultant within 5 days of the conclusion of the 12 month term. Without notification the contract will automatically extend for an additional month of service.

Upon termination, Consultant agrees to perform the necessary information transfer required at the time.

CONFIDENTIALITY. All knowledge and information of a proprietary and confidential nature relating to the Company which the Consultant obtains during the Consulting period, from the Company or the Company’s employees, agents or Consultants shall be for all purposes regarded and treated as strictly confidential for so long as such information remains proprietary and confidential and shall be held in trust by the Consultant solely for the Company’s benefit and use and shall not be directly or indirectly disclosed in any manner whatsoever by the Consultant.

CONSULTANT’S REPRESENTATIONS & WARRANTIES. Consultant represents and warrants to the Company as follows:

The Consultant (i) has adequate means of providing for the Consultant’s current needs and possible personal contingencies; (ii) is acquiring the Shares for investment and not with a view to their distribution and has no need for liquidity in this investment; (iii) is able to bear the substantial economic risks of an investment in the Shares for an indefinite period; and (iv) is an “accredited investor” as defined in Rule 501 of Regulation D of the Securities Act of 1933, as amended.

Consultant is not under any legal obligation, including any obligation of confidentiality or non-competition, which prevents Consultant from executing or fully performing this Consulting Agreement, or which would render such execution or performance a breach of contract with any third party, or which would give any third party any rights in any intellectual property which might be developed by Consultant hereunder; and

Consultant shall perform the Services hereunder in accordance with the terms of this Agreement and applicable regulations, guidelines and licensing requirements; and

Consultant has all requisite power and authority to execute, deliver, and perform this Agreement, and this Agreement has been duly authorized, executed and delivered by Consultant and is Consultant’s legal, valid and binding obligation, and is enforceable as to Consultant in accordance with its terms.

The Consultant certifies, under penalties of perjury that the Consultant is not subject to backup withholding as a result of a failure to report all interest or dividends, or because the Internal Revenue Service has notified the Consultant that the Consultant is no longer subject to backup withholding, and that Consultant has provided the Company an accurate taxpayer ID number.

SEVERABILITY. In the event any provision of this Consulting Agreement is determined by a court of competent jurisdiction to be unenforceable, the parties will negotiate in good faith to restore the unenforceable provision to an enforceable state and to provide reasonable additions or adjustments to the terms of the other provisions of this Consulting Agreement so as to render the whole Consulting Agreement valid and binding to the fullest extent possible, and in any event, this Consulting Agreement shall be interpreted to be valid and binding to the fullest extent possible.

NON-DISCLOSURE OF TERMS. The terms of this Agreement shall be kept confidential, and no party, representative, attorney or family member shall reveal its contents to any third party except as required by law or as necessary to comply with law or preexisting contractual commitments.

INDEMNIFICATION. Consultant shall indemnify, defend and hold harmless the Company, the Parent, and each of their members, their affiliates and their respective directors, officers, employees, representatives, agents, successors and assigns (collectively, "Indemnitees") from and against any and all claims, losses, liabilities, damages, costs, expenses (including, without limitation, attorneys fees and expenses) demands, fines, penalties, injunctions, suits and causes of action of any kind or nature whatsoever (collectively referred to as "Damages") instituted by any third party and arising out of Consultant's performance of services under this Consulting Agreement, unless said Damages arise out of the negligence or willful misconduct of the Company, its members, affiliates and their respective directors, officers, employees, representatives, agents, successors and assigns.

SEC & LEGAL COMPLIANCE. Consultant hereby represents that it has in place policies and procedures relating to, and addressing, with the commercially reasonable intent to ensure compliance with, all applicable securities laws, rules and regulations, including but not limited to the use, release or other publication of forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act and disclosure requirements outlined in Section 17B of the Exchange Act regarding the required disclosure of the nature and terms of its relationship with the Company in any and all literature or other communication(s) relating to these services, including but not limited to: Press Releases, letters to investors and telephone or other personal communication(s) with potential or current investors. In addition, Consultant acknowledges that United States securities laws and the rules and regulations promulgated thereunder prohibit any person with material, non-public information about a company from purchasing, selling, trading, or entering into options, puts, calls or other derivatives in respect of securities of such issuer or from communicating such information to any other person or entity and Consultant shall comply with such laws, rules and regulations. Consultant will take no action to manipulate the market price of the Company's securities in violation of law or regulation, nor pay or otherwise induce others to take any such actions, nor publish comments about the Company without appropriately disclosing payments received therefor.

MISCELLANEOUS

This Consulting Agreement shall be governed by, and construed pursuant to the laws of the State of New York, applicable to agreements made and performed wholly within such State. Any disputes under this Consulting Agreement shall be resolved by appropriate proceedings in the state of New York.

This Consulting Agreement may not be changed orally, but may be changed only in a writing executed by the party to be charged with enforcement.

If any terms and conditions of this Consulting Agreement shall be held to be illegal, invalid or otherwise unenforceable by a court of competent jurisdiction, all remaining terms and conditions shall remain in full force and effect

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the Effective Date.

Sphere 3D Corp.

GROUPE PARAMEUS CORP.

/s/ Peter Tassiopoulos

/s/ Samuel Kafkas

Name: Peter Tassiopoulos

Name:

Title: CEO

Title: President

EXHIBIT A

Consultant Services

The Consultant agrees, to the extent reasonably require in the conduct of its business with the Company, to place at the disposal of the Company its judgment and experience and to provide business development services to the Company, including, but not limited to, the following:

- a. Advise and assist the company in developing and implementing appropriate plans and materials for presenting the Company and its business plan, strategy and personnel to the financial community.
- b. With the cooperation of the Company, maintain an awareness during the term of the agreement of the Company's plan's and strategy as it relates to the financial community.
- c. Create awareness of the company among investors and media.
- d. Assist the Company in steps for financial and public relations.

**CERTIFICATION OF CHIEF EXECUTIVE OFFICER
PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Peter Tassiopoulos, Chief Executive Officer of Sphere 3D Corp. certify that:

1. I have reviewed this quarterly report on Form 10-Q of Sphere 3D Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;
4. The company's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and
5. The company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditors and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: June 24, 2020

/s/ Peter Tassiopoulos

Peter Tassiopoulos

Chief Executive Officer

**CERTIFICATION OF CHIEF FINANCIAL OFFICER
PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Kurt L. Kalbfleisch, Chief Financial Officer of Sphere 3D Corp. certify that:

1. I have reviewed this quarterly report on Form 10-Q of Sphere 3D Corp.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the issuer as of, and for, the periods presented in this report;
4. The company's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the company and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the issuer's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the issuer's internal control over financial reporting that occurred during the period covered by the annual report that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting; and
5. The company's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the issuer's auditors and the audit committee of the issuer's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the issuer's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the issuer's internal control over financial reporting.

Date: June 24, 2020

/s/ Kurt L. Kalbfleisch

Kurt L. Kalbfleisch
Senior Vice-President and
Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION. 1350, AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of Sphere 3D Corp. (the “Registrant”) on Form 10-Q for the quarterly period ended March 31, 2020, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Peter Tassiopoulos, Chief Executive Officer of the Registrant, certify pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:

- The Report fully complies with the requirements of Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934; and
- The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Registrant.

Date: June 24, 2020

/s/ Peter Tassiopoulos

Peter Tassiopoulos

Chief Executive Officer

In connection with the Quarterly Report of Sphere 3D Corp. (the “Registrant”) on Form 10-Q for the quarterly period ended March 31, 2020, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Kurt L. Kalbfleisch, Senior Vice-President and Chief Financial Officer of the Registrant, certify pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that, to my knowledge:

- The Report fully complies with the requirements of Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934; and
- The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: June 24, 2020

/s/ Kurt L. Kalbfleisch

Kurt L. Kalbfleisch

Senior Vice-President and
Chief Financial Officer