### 502379086 06/11/2013

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

# **CONVEYING PARTY DATA**

| Name                 | Execution Date |  |
|----------------------|----------------|--|
| Giovanni Morelli Jr. | 06/10/2013     |  |

#### **RECEIVING PARTY DATA**

| Name:           | Sphere 3D Inc.              |
|-----------------|-----------------------------|
| Street Address: | 240 Matheson Boulevard East |
| City:           | Mississauga                 |
| State/Country:  | CANADA                      |
| Postal Code:    | L4Z 1X1                     |

#### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13741884 |

#### CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 22380-P42512US00  |
|-------------------------|-------------------|
| NAME OF SUBMITTER:      | lan C. McMillan   |
| Signature:              | /lan C. McMillan/ |
| Date:                   | 06/11/2013        |

Total Attachments: 2

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PATENT REEL: 030583 FRAME: 0794 CH \$40,00 1374

P42512US00

**ASSIGNMENT** 

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WHEREAS I, Giovanni Morelli Jr., whose full post office address is 63 Bowring Walk, Toronto, Ontario, M3H 5Z7, Canada, am the inventor of an invention entitled SYSTEMS AND METHODS OF OPTIMIZING RESOURCES FOR EMULATION, for which a patent application was filed on January 15, 2013 and assigned Application Serial No. 13/741,884.

AND WHEREAS SPHERE 3D INC., whose full post office address is 240 Matheson Boulevard East, Mississauga, Ontario, L4Z 1X1, Canada has acquired from me the whole right, title and interest for the United States of America, Canada and all other countries in and to said invention and in and to any Letters Patent that may be obtained therefor, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, Giovanni Morelli Jr., by these presents confirm that I have sold, assigned and transferred and do hereby sell, assign and transfer unto said SPHERE 3D INC., the full and exclusive right to the said invention in the United States of America, Canada and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and the entire right, title and interest in and to said applications, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent applications and patents that claim priority from any of said patent applications, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said patent applications.

I agree that I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, his successors, assigns and legal representatives or nominees.

PATENT REEL: 030583 FRAME: 0795 I hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to said **SPHERE 3D INC.**, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The undersigned hereby grant the firm of Bereskin & Parr LLP/S.E.N.C.R.L.,s.r.l. (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

| Signed at the City of _ | MISSISSAUGA | , this <u>/ 0</u> | day of fuse | , 2013. |
|-------------------------|-------------|-------------------|-------------|---------|
|-------------------------|-------------|-------------------|-------------|---------|

Giovanni Morelli Jr.

| M | lite | 10 | c | c | * |
|---|------|----|---|---|---|

Signed at the City of MISSISSAUGA, this 10 day of \( \sum\_{\text{luc}} \) 2013.

Name of Witness: Sue Macedonia

Title:

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