

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Neal Wadhwa</td> <td>04/30/2013</td> </tr> <tr> <td>Michael Rubinstein</td> <td>04/30/2013</td> </tr> <tr> <td>Fredo Durand</td> <td>04/30/2013</td> </tr> <tr> <td>William T. Freeman</td> <td>04/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Neal Wadhwa	04/30/2013	Michael Rubinstein	04/30/2013	Fredo Durand	04/30/2013	William T. Freeman	04/30/2013
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Neal Wadhwa	04/30/2013										
Michael Rubinstein	04/30/2013										
Fredo Durand	04/30/2013										
William T. Freeman	04/30/2013										
RECEIVING PARTY DATA											
Name:	Massachusetts Institute of Technology										
Street Address:	77 Massachusetts Avenue										
City:	Cambridge										
State/Country:	MASSACHUSETTS										
Postal Code:	02139-4307										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13707451</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13707451						
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Application Number:	13707451										
CORRESPONDENCE DATA											
Fax Number:	9783410136										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	978-341-0036										
Email:	lczerwonka@hbsr.com										
Correspondent Name:	Mary Lou Wakimura										
Address Line 1:	530 Virginia Road, P.O. Box 9133										
Address Line 2:	Hamilton, Brook, Smith & Reynolds, P.C.										
Address Line 4:	Concord, MASSACHUSETTS 01742-9133										
ATTORNEY DOCKET NUMBER:	0050.2202-001										
NAME OF SUBMITTER:	Lori A. Czerwonka										
Signature:	/Lori A. Czerwonka/										

PATENT

Date:

05/17/2013

Total Attachments: 4

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ASSIGNMENT

WHEREAS, we, **Neal Wadhwa, Michael Rubinstein, Fredo Durand and William T. Freeman**, have invented a certain improvement in **Complex-Valued Phase-Based Eulerian Motion Modulation** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. **13/707,451**, filed **December 6, 2012**;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and is assigned United States Application No. []];
- which was patented under United States Patent No. [].

WHEREAS, **Massachusetts Institute of Technology** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **77 Massachusetts Avenue, Cambridge, MA 02139-4307** desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the

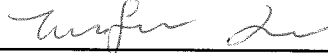
Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor  Date 04/30/13
Neal Wadhwa

Address 10 Magazine Street
Apt. 707
Cambridge, Massachusetts 02139

Witness Signature 

Print Witness Name Tianfen Xue
Address 32-0460 32 Vassar St.
Cambridge, MA 02139

Witness Signature 

Print Witness Name Michael Rubinfeld
Address 32-0460 32 Vassar St.
Cambridge, MA 02139

Inventor 
Michael Rubinstein

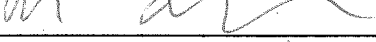
Date 4/30/2013

Address 23 Quincy Street, #3
Somerville, Massachusetts 02143

Witness Signature 

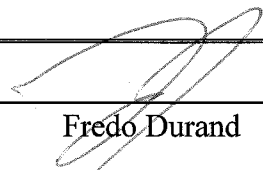
Print Witness Name Tianfan Xue

Address 32D-460 32 Vassar St.
Cambridge, MA 02139

Witness Signature 

Print Witness Name Neal Wadhwa

Address 32D-460 32 Vassar St.
Cambridge, MA 02139

Inventor 
Fredo Durand

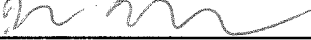
Date 4/30/13

Address 520 Beacon Street, Apt. 5A
Boston, Massachusetts 02215

Witness Signature 

Print Witness Name Tianfan Xue

Address 32D-460 32 Vassar St.
Cambridge, MA 02139

Witness Signature 

Print Witness Name Neal Wadhwa

Address 32D-460 32 Vassar St.
Cambridge, MA 02139

Inventor 
William T. Freeman

Date April 30, 2013

Address 16 Half Moon Hill

Acton, Massachusetts 01720

Witness Signature



Print Witness Name

Triston Xue

Address

32-P460 32 Vassar St.
Cambridge, MA 02139

Witness Signature



Print Witness Name

Neal Wadhwa

Address

32-D466 32 Vassar St.
Cambridge, MA 02139