PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Li JIANG	05/10/2010
David M. BIRNBAUM	04/27/2010
Remy PIERON	05/03/2010
Christopher J. ULLRICH	04/27/2010
Juan Manuel CRUZ-HERNANDEZ	05/07/2010
Robert LACROIX	05/06/2010
Danny A. GRANT	05/07/2010
Ali MODARRES	05/07/2010

RECEIVING PARTY DATA

Name:	IMMERSION CORPORATION
Street Address:	801 Fox Lane
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12776053

CORRESPONDENCE DATA

Fax Number: (703)720-7802

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-720-7876

Email: ipgeneraltyc@ssd.com, smcvean@ssd.com

Correspondent Name: Squire, Sanders & Dempsey, LLP
Address Line 1: 8000 Towers Crescent Drive

Address Line 2: 14th Floor

Address Line 4: Vienna, VIRGINIA 22182

PATENT

REEL: 024374 FRAME: 0670

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ATTORNEY DOCKET NUMBER:	105804.00126; IMM348
NAME OF SUBMITTER:	Barry S. Goldsmith
Total Attachments: 10	
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PATENT REEL: 024374 FRAME: 0671

PATENT AND INVENTION ASSIGNMENT

WHEREAS, the undersigned:

- **Li Jiang,** a citizen of People's Republic of China, residing at 76 Barnes Court, #116, Stanford, California 94305;
- **David M. Birnbaum**, a citizen of the United States of America, residing at 311 Oak Street, #327, Oakland, California 94607;
- **Remy Pieron,** a citizen of France and the United States of America, residing at 5 Bayberry Street, Portola Valley, California 94028;
- Christopher J. Ullrich, a citizen of Canada, residing at 227 Palomares Avenue, Ventura, California 93003;
- Juan Manuel Cruz-Hernandez, a citizen of Mexico and Canada, residing at 4840 Ste-Catherine West, Montreal, Quebec, Canada H3Z 1T1;
- Robert Lacroix, a citizen of Canada, residing at 1766 Comstock Lane, San Jose, California 95124;
- Danny A. Grant, a citizen of Canada, residing at 1784 de Lunebourg, Laval, Quebec, Canada H7M 2A1; and
- Ali Modarres, a citizen of Iran, residing at 3777, Cote des Neiges #520, Montreal, Quebec, Canada H3H 1V8,

(hereinafter collectively referred to as "Assignors") have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled "SYSTEM AND METHOD FOR SHAPE DEFORMATION AND FORCE DISPLAY OF DEVICES" which application is being filed concurrently herewith;

WHEREAS, it is agreed that **IMMERSION CORPORATION**, a Corporation of the State of Delaware, having its principal place of business at 801 Fox Lane, San Jose, California 95131, is entitled to or is desirous of acquiring all right, title and interest related to the same;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignors**, by these presents, do sell, assign and transfer unto **IMMERSION CORPORATION**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to all divisional, continuation, and continuation-in-part applications describing in whole or in part the said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to all patents of the United States which may be granted on the foregoing and all reissues and

PATENT REEL: 024374 FRAME: 0672 extensions thereof, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from any of the afore-mentioned patent applications; and Assignors do hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to IMMERSION CORPORATION as Assignee, for its interest and for the sole use and behalf of IMMERSION CORPORATION and its assigns and legal representatives;

For the same consideration, **Assignors**, by these presents do sell, assign and transfer to **IMMERSION CORPORATION** the full, exclusive and entire right, title and interest: in and to any and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates and designs, (the "Foreign Applications") filed or which are hereafter filed in countries foreign to the United States and describing in whole or in part the said inventions and improvements, in and to any Patents and similar protective rights granted on said Foreign Applications, and in and to the right to file such applications and the right to claim any applicable priority rights arising from or required for said Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations; said Foreign Applications to be filed and issued in the name of **IMMERSION CORPORATION** or its respective designees, insofar as permitted by applicable law:

AND, for the same consideration, **Assignors** agree to communicate to the said **IMMERSION CORPORATION**, its successors, legal representatives and assigns, any facts known to **Assignors** respecting said invention, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **IMMERSION CORPORATION**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

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PATENT REEL: 024374 FRAME: 0673 Assignors covenant with Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned.

5/10/20/0

Date

Li Jiano

State of California

County of SANTA CIARA

on 5/10/10 before me.

(Here insert name and title of the officer)

personally appeared <u>Li Jiang</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature of Notary Public

TO STATE OF THE ST

DAWN K. ROSE
Commission # 1785836
Notary Public - California
Santa Clara County
MyComm. Expires Dec 18, 2011

Date

David M. Birnbaum

State of California

County of ANA ()ANA

(Here insert name and title of the officer)

personally appeared <u>David M. Birnbaum</u>, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature of Notary Public

DAWN K. ROSE
Commission # 1785836
Notary Public - California
Santa Clara County
MyComm. Expres Dec 18, 2011

5/3/18

Remy Pieron

State of California

County of Spath CAPA

on <u>5/3/10</u> before me

(Here insert name and title of the officer

personally appeared Remy Pieron, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature of Notary Public

DAWN K. ROSE
Commission # 1786836
Natary Public - California
Santa Clara County
MyCown Expressor 18, 2011

Apr 27/10	
Date	Christopher J. Ull⁄rich
State of California	
County of SANA CIARA	
On 4/27/10 before me, 5	(Here insert name and title of the officer)
evidence to be the person whose name is s acknowledged to me that he executed the s	who proved to me on the basis of satisfactory subscribed to the within instrument and same in his authorized capacity, and that by his he entity upon behalf of which the person acted,
I certify under PENALTY OF PERJURY und foregoing paragraph is true and correct.	der the laws of the State of California that the
WITNESS my hand and official seal.	(Notary Seal)
Signature of Notary Public	DAWN K. ROSE Commission # 1785836 Notary Public - California Santa Clara Caunty MyComm. Expres Dec 16, 2011
Date ,	Juan Manuel Cruz-Hernandez
Witness	Date
Witness	 Date

Date	Christopher J. Ullrich
State of California	
County of	
On before me,	(Here insert name and title of the officer)
personally appeared <u>Christopher J. Ullrich</u> evidence to be the person whose name is acknowledged to me that he executed the signature on the instrument the person, or executed the instrument.	, who proved to me on the basis of satisfactory
foregoing paragraph is true and correct.	
WITNESS my hand and official seal.	(Notary Seal)
Signature of Notary Public	,
May 7 2010	Juan Manuel Cruz-Hernandez
Witness Stun	7 May (2010)
Witness File	05/07/10 Date

<u>5/6/50/0</u> Date	Robert Lacroix
State of California	
County of SALAR CLARA	*
On <u>5/10/10</u> before me, (Here insert name and title of the officer)
be the person whose name is subscribe he executed the same in his authorized	o proved to me on the basis of satisfactory evidence to d to the within instrument and acknowledged to me that capacity, and that by his signature on the instrument the the person acted, executed the instrument.
I certify under PENALTY OF PERJURY foregoing paragraph is true and correct.	under the laws of the State of California that the
WITNESS my hand and official seal.	(Notary Seal)
Signature of Notary Public	DAWN K. ROSE Commission # 1785836 Notary Public - California # Santa Clara County MyComm. Express Dec 18, 2011
Date	Danny A. Grant
Witness	Date
Witness	 Date

Date	Robert Lacroix
State of California	
County of	-
On before me, _	(Here insert name and title of the officer)
be the person whose name is subscribe he executed the same in his authorized	the proved to me on the basis of satisfactory evidence to ed to the within instrument and acknowledged to me that I capacity, and that by his signature on the instrument the ch the person acted, executed the instrument.
I certify under PENALTY OF PERJURY foregoing paragraph is true and correct.	under the laws of the State of California that the
WITNESS my hand and official seal.	(Notary Seal)
Signature of Notary Public	
Date May 7/2010	Danny A. Grant
Witness Very Le Vicini	May 07, 2010 Date / May 7/10)
Witness	Date

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May 7,1200

Ali Modarres

Ali Modarres

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Date

May 7/2010

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Date