

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Robert Lacroix</td><td>04/10/2007</td></tr><tr><td>Danny Grant</td><td>04/10/2007</td></tr></tbody></table>   | Name                  | Execution Date        | Robert Lacroix      | 04/10/2007   | Danny Grant | 04/10/2007 |                |            |              |       |  |
| Name   | Execution Date        |                       |                     |              |             |            |                |            |              |       |  |
| Robert Lacroix   | 04/10/2007            |                       |                     |              |             |            |                |            |              |       |  |
| Danny Grant  | 04/10/2007            |                       |                     |              |             |            |                |            |              |       |  |
| RECEIVING PARTY DATA   |                       |                       |                     |              |             |            |                |            |              |       |  |
| <table border="1"><tr><td>Name:</td><td>Immersion Corporation</td></tr><tr><td>Street Address:</td><td>801 Fox Lane</td></tr><tr><td>City:</td><td>San Jose</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>95131</td></tr></table> | Name:                 | Immersion Corporation | Street Address:     | 801 Fox Lane | City:       | San Jose   | State/Country: | CALIFORNIA | Postal Code: | 95131 |  |
| Name:  | Immersion Corporation |                       |                     |              |             |            |                |            |              |       |  |
| Street Address:  | 801 Fox Lane          |                       |                     |              |             |            |                |            |              |       |  |
| City:  | San Jose              |                       |                     |              |             |            |                |            |              |       |  |
| State/Country:   | CALIFORNIA            |                       |                     |              |             |            |                |            |              |       |  |
| Postal Code:   | 95131                 |                       |                     |              |             |            |                |            |              |       |  |
| 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>11697374</td></tr></tbody></table>   | Property Type         | Number                | Application Number: | 11697374     |             |            |                |            |              |       |  |
| Property Type  | Number                |                       |                     |              |             |            |                |            |              |       |  |
| Application Number:  | 11697374              |                       |                     |              |             |            |                |            |              |       |  |
| CORRESPONDENCE DATA  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Fax Number: (336)607-7500<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Phone: 336-607-7300  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Email: cbosken@kilpatrickstockton.com  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Correspondent Name: Christopher W. Bosken  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Address Line 1: 1001 West Fourth Street  |                       |                       |                     |              |             |            |                |            |              |       |  |
| Address Line 4: Winston Salem, NORTH CAROLINA 27101  |                       |                       |                     |              |             |            |                |            |              |       |  |
| ATTORNEY DOCKET NUMBER:  | 51851-333957          |                       |                     |              |             |            |                |            |              |       |  |
| NAME OF SUBMITTER:   | Natasha M. Gaggar     |                       |                     |              |             |            |                |            |              |       |  |
| Total Attachments: 6<br>source=IMM241 Declaration signed by Inventors#page1.tif<br>source=IMM241 Declaration signed by Inventors#page2.tif<br>source=IMM241 Declaration signed by Inventors#page3.tif  |                       |                       |                     |              |             |            |                |            |              |       |  |

OP \$40.00 11697374

500257516

PATENT  
REEL: 019152 FRAME: 0472

source=IMM241 Declaration signed by Inventors#page4.tif  
source=IMM241 Assignment signed by Inventors#page1.tif  
source=IMM241 Assignment signed by Inventors#page2.tif

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration  
Submitted  
With Initial  
Filing

OR

☒ Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket  
Number 51851/333957

First Named Inventor Robert Lacroix

**COMPLETE IF KNOWN**

Application Number 11697374

Filing Date Herewith

Art Unit To Be Assigned

Examiner Name To Be Assigned

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEMS AND METHODS FOR ENHANCED HAPTIC EFFECTS**

*(Title of the Invention)*

the specification of which

☐ is attached hereto

**OR**

☒ was filed on (MM/DD/YYYY) 04/06/2007 as United States Application Number or PCT International

Application Number 11697374 and was amended on (MM/DD/YYYY)                      (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached? |                          |
|--|---------|-------------------------------------|--------------------------|--------------------------|--------------------------|
|  |         |                                     |                          | YES                      | NO                       |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|  |         |                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

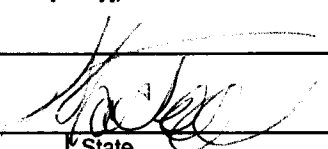
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance completing the form, call 1-800-PTO-9199 and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

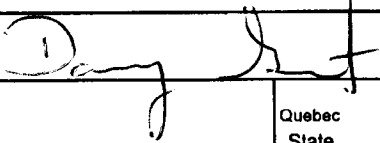
**DECLARATION — Utility or Design Patent Application**

|   |        |  |   |       |   |
|---|--------|--|---|-------|---|
| Direct all correspondence to:   |        | <input checked="" type="checkbox"/> The address associated with Customer Number: | 34300   | OR    | <input type="checkbox"/> Correspondence address below |
| Name  |        |  |   |       |   |
| Address   |        |  |   |       |   |
| City  |        | State  |   | ZIP   |   |
| Country   |        | Telephone  |   | Email |   |
| <b>WARNING:</b><br>Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. |        |  |   |       |   |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.   |        |  |   |       |   |
| NAME OF SOLE OR FIRST INVENTOR:   |        |  | <input type="checkbox"/> A petition has been filed for this unsigned inventor |       |   |
| Given Name (first and middle [if any])  |        |  | Family Name or Surname  |       |   |
| Robert  |        |  | Lacroix   |       |   |
| Inventor's Signature  |        |  |   |       | Date  |
|    |        |  |   |       | 10 April 2007   |
| Residence: City   | State  | Country  | Citizenship   |       |   |
| St. Lambert   | Quebec | CANADA   | CANADA  |       |   |
| Mailing Address   |        |  |   |       |   |
| 221 Berkley Avenue  |        |  |   |       |   |
| City  | State  | Zip  | Country   |       |   |
| St. Lambert   | Quebec | J4P 3C9  | CANADA  |       |   |
| <input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.  |        |  |   |       |   |

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet

Page 1 of 1

|  |                 |   |                       |
|--|-----------------|---|-----------------------|
| <b>Name of Additional Joint Inventor, if any:</b>  |                 | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                       |
| Given Name (first and middle (if any))   |                 | Family Name or Surname  |                       |
| Danny  |                 | Grant   |                       |
| Inventor's Signature  |                 | Date Apr 10/07  |                       |
| Montreal<br>Residence: City  | Quebec<br>State | CANADA<br>Country   | CANADA<br>Citizenship |
| 5961 de la Roche #4  |                 |   |                       |
| Mailing Address  |                 |   |                       |
| Montreal<br>City   | Quebec<br>State | H2S 2C8<br>Zip  | CANADA<br>Country     |
| <b>Name of Additional Joint Inventor, if any:</b>  |                 | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                       |
| Given Name (first and middle (if any))   |                 | Family Name or Surname  |                       |
|  |                 |   |                       |
| Inventor's Signature   |                 | Date  |                       |
| Residence: City  | State           | Country   | Citizenship           |
| Mailing Address  |                 |   |                       |
| City   | State           | Zip   | Country               |
| <b>Name of Additional Joint Inventor, if any:</b>  |                 | <input type="checkbox"/> A petition has been filed for this unsigned inventor |                       |
| Given Name (first and middle (if any))   |                 | Family Name or Surname  |                       |
|  |                 |   |                       |
| Inventor's Signature   |                 | Date  |                       |
| Residence: City  | State           | Country   | Citizenship           |
| Mailing Address  |                 |   |                       |
| City   | State           | Zip   | Country               |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

## DECLARATION – Supplemental Priority Data Sheet

[illegible]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

***If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.***

**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN  
PATENT APPLICATION**

Whereas we the undersigned inventors have invented certain new and useful innovations as set forth in the patent application:

**SYSTEMS AND METHODS FOR ENHANCED VIBROTACTILE EFFECTS**

for which we have executed an application for a United States Patent enclosed herewith.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Agree to sell, assign, transfer, and convey, and hereby do sell, assign, transfer, and convey, to Immersion Corporation, a Delaware corporation having a place of business at 801 Fox Lane, San Jose, CA, (hereinafter referred to as "ASSIGNEE"), the entire right, title, and interest in and to (a) any intellectual property (including without limitation any innovation, information, invention, discovery, product, process, work, copyright, or design) disclosed, embodied, affixed, shown, or claimed in the above-referenced patent application, implicitly or explicitly; (b) the above-referenced patent application, any application based in whole or in part upon the above-referenced patent application, and any application claiming priority to the above-referenced patent application (including without limitation any continuation, continuation-in-part, reissue, reexamination, or foreign patent application based in whole or in part on the above-referenced patent application or claiming priority to the above-referenced patent application); and (c) any Patent (including without limitation domestic and foreign patents, utility models, industrial designs, divisionals, reissues, and reexaminations) that is granted or issued upon, or that claims priority to, any and all applications under (b) of this paragraph or that discloses or claims intellectual property under (a) of this paragraph, in whole or in part.
- 2) Authorize and request the Commissioner of Patents or any other agency, domestic or foreign, to issue any and all Letters or other Patent(s), or other document(s), resulting from patent applications or intellectual property under paragraph 1 (including without limitation any division(s), continuation(s) (in whole or in part), substitute(s), or reissue(s) thereof) to the ASSIGNEE.
- 3) Agree to execute all papers and documents, including without limitation applications, declarations, oaths, petitions, and other papers, and, entirely at the ASSIGNEE'S expense, perform any acts which are necessary in connection with the prosecution of patent applications or intellectual property under paragraph 1 and/or the enforcement of patents or other rights resulting from such applications or intellectual property.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventors, as well as the inventors' heirs, legal representatives, and assigns.

5) Warrant and represent that we have not entered, and will not enter into, any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1)

Signature: \_\_\_\_\_

Typed Name: Robert Lacroix

Date: \_\_\_\_\_

10 April 2007

Witnessed by:

Signature: \_\_\_\_\_  
Date: April 10, 2007

Signature: \_\_\_\_\_  
Date: April 10, 2007

2)

Signature: \_\_\_\_\_

Typed Name: Danny Grant

Date: \_\_\_\_\_

April 10, 2007

Witnessed by:

Signature: \_\_\_\_\_  
Date: April 10, 2007

Signature: \_\_\_\_\_  
Date: April 19, 2007