502630949 01/11/2014

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2677557

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT F COHEN	09/08/2009
WALTER E RATZAT	09/05/2009
TIANNING XU	09/04/2009

RECEIVING PARTY DATA

Name:	IMMERSION CORPORATION
Street Address:	30 RIO ROBLES
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13734988

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	IMD299D1
NAME OF SUBMITTER:	TERESA U MEDLER
Signature:	/Teresa U Medler/
Date:	01/11/2014 PATENT

502630949 REEL: 031945 FRAME: 0345

Total Attachments: 4

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> PATENT REEL: 031945 FRAME: 0346

PATENT AND INVENTION ASSIGNMENT

WHEREAS, the undersigned:

Robert F. Cohen, a citizen of the United States of America, residing at 4417 Saul Road, Kensington, Maryland 20895;

Walter E. Ratzat, a citizen of the United States of America, residing at 114 Southwood Avenue, Silver Spring, Maryland 20901; and Tianning Xu, a citizen of the United States of America, residing at

2343 Unicoi Court, Duluth, Georgia 30097

(hereinafter collectively referred to as "Assignors"), have invented certain inventions and improvements disclosed in a non-provisional application for Letters Patent entitled APPARATUS AND METHOD FOR PROVIDING CONDITION-BASED VIBROTACTILE FEEDBACK, which application was filed in the United States Patent and Trademark Office on May 4, 2009, and assigned Patent Application No. 12/435,323;

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 therefor, (iv) in and to all patents of the United States which may be granted on the foregoing and all reissues and 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 behoof 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,

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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

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.

<u>\$-8-09</u> Date		Robert F. Cohen	
State of	,		
County of	******************************		
On:b	efore me,		
person whose name is subsc	ribed to the within bity, and that by his cted, executed the PERJURY unde	instrument and acknown instrument. The laws of the State	of satisfactory evidence to be the wledged to me that he executed the ument the person, or the entity upor
WITNESS my hand and offi	cial seal.		(Notary Seal)
Signature of Notary Public			

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				ex	IMD299 (1	(103 1350.1)
09/05/09				200		
Date		Walter E	/Ratzat	3		
State of						
County of						
Onbefore	me,					
	(Here in	sert name	and title of th	e officer)	
personally appeared <u>Walter E. Raperson</u> whose name is subscribed same in his authorized capacity, a behalf of which the person acted,	to the within ins and that by his si	strument a gnature oi	ind acknowle	dged to n	ie that he exi	ecuted the
I certify under PENALTY OF PE that the foregoing paragraph is tru		he laws of	the State of	· 	<u></u>	
WYTNIEGO	*				(Notary Seal	0
WITNESS my hand and official s	seai.					

Signature of Notary Public

State of	<u> </u>		Tianni	ng Xu	Comment of the Commen	>	************	
County of			Schere.					
On	State of							
(Here insert name and title of the officer) personally appeared <u>Tianning Xu</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 his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf which the person acted, executed the instrument. [certify under PENALTY OF PERJURY under the laws of the State of hat the foregoing paragraph is true and correct. [Notary Seal]	County of							
(Here insert name and title of the officer) personally appeared <u>Tianning Xu</u> , who proved to me on the basis of satisfactory evidence to be the personous name is subscribed to the within instrument and acknowledged to me that he executed the same his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf which the person acted, executed the instrument. certify under PENALTY OF PERJURY under the laws of the State of hat the foregoing paragraph is true and correct. (Notary Seal)	en Maria North Carthern (1997) Paris							
personally appeared <u>Tianning Xu</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 his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of that the foregoing paragraph is true and correct. (Notary Seal)	On	before me,						
bat the foregoing paragraph is true and correct. (Notary Seal)	personally appeared	d <u>Tianning Xu</u> , who p	proved to me on	the basis of satis	sfactory e	vidence to	be the p	erson
	whose name is subs iis authorized capa which the person ac	scribed to the within city, and that by his se cted, executed the ins	instrument and a signature on the trument.	acknowledged to instrument the p	me that l	ne executed	the san	ie in
	whose name is subs nis authorized capa which the person ac certify under PEN	scribed to the within city, and that by his stated, executed the ins	instrument and a signature on the strument. Y under the law	acknowledged to instrument the p	me that l	ne executed	the san	ie in

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RECORDED: 01/11/2014