

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RANDELL DRANE	08/23/2016
RECEIVING PARTY DATA		
Name:	VENKATESH R. CHARI	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14850393	
CORRESPONDENCE DATA		
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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ATTORNEY DOCKET NUMBER:	C0011-1001P1	
NAME OF SUBMITTER:	ROBERT PLOTKIN	
SIGNATURE:	/Robert Plotkin/	
DATE SIGNED:	08/27/2016	
Total Attachments: 3		
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Assignment of Patent Application

1. Patent Application

Title: Tactile Graphic Display
Attorney Docket Number: C0011-1001P1
Application Number: 14/850,393
Filing Date: September 10, 2015

2. Assignee

Name: Venkatesh R. Chari
Address: 542 Sharpners Road
City: North Andover
State/Province: MA
Postal Code: 01845
Country: United States of America

3. Assignment

I/we, the undersigned Assignor(s), have agreed and hereby agree to assign to the Assignee, in exchange for good and valuable consideration and in furtherance of my/our obligations to the Assignee and its subsidiaries and affiliates, and do hereby assign and transfer to the Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under the Patent Application and all patents and patent applications in any country that claim priority, either directly or indirectly, from the Patent Application, and any reissues, reexaminations, or extensions of such patents.

I/we, the undersigned Assignor(s), have agreed and hereby agree to assign to the Assignee, in exchange for payment for work performed on inventions not disclosed in the Patent Application and in furtherance of my/our obligations to the Assignee and its subsidiaries and affiliates, and do hereby assign and transfer to the Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under any patent applications and patents in any country that disclose such inventions not disclosed in the Patent Application, and any reissues, reexaminations, or

extensions of such patents. My assignment of rights in any such invention not disclosed in the Patent Application shall become effective immediately upon payment received for work performed on that invention.

I/we additionally authorize the Assignee to file applications, for any inventions assigned herein, in my/our name for Letters Patent in any country, to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment, and transfer not been made.

I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to the Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to the Assignee, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIPs, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by the Assignee.

I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country of countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

I/we further authorize and direct the attorney(s) of record to insert into this Assignment the serial number and filing date of the Patent Application as soon as the same shall have been made known by the United States Patent and Trademark Office.

4. Signature(s) of Assignor(s)

a. Assignor 1

Given Name (First and Middle):

Randell

Family (Last) Name:

Drane

Randell Drane

Signature

23-Aug-2016

Date

Notary Block:

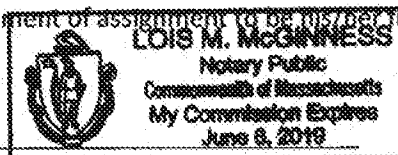
State of MA

County of Essex ss.

Before me this 23rd day of August, personally appeared Randall B Drane
who is personally known or proved to me on the basis of satisfactory evidence to be the
person who acknowledged the foregoing instrument of assignment to be his/her free act
and deed.

Lois M. McGinness

Notary Public



My Commission Expires