

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4902217

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GREGG VANDERHEIDEN	08/30/2012
J. BERN JORDAN	08/30/2012
DAVID KELSO	08/30/2012
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	29544058
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<b>ATTORNEY DOCKET NUMBER:</b>	P150381US01
<b>NAME OF SUBMITTER:</b>	MEREDITH NORIEGA
<b>SIGNATURE:</b>	/Meredith Noriega/
<b>DATE SIGNED:</b>	04/05/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT  
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
TACTILE INTERFACE SYSTEM FOR MANIPULATION OF A TOUCH SCREEN			
PAT	UNITED STATES	13/589628	August 20, 2012
TACTILE INTERFACE			
DSN	UNITED STATES	29/544058	October 30, 2015

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P150381US01  
Wisconsin Alumni Research Foundation

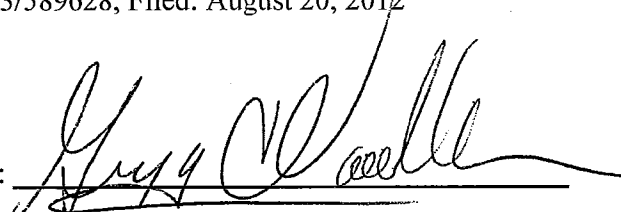
ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P110167US01

App.#: 13/589628, Filed: August 20, 2012

Inventor:

  
Gregg Vanderheiden  
5825 Tree Line Drive  
Madison, WI 53711

Date:

8/30/2012

**William D Koepcke**  
**Notary Public**  
**State of Wisconsin**

State of Wisconsin    )  
                                  )ss.  
County of Dane        )

On this 30<sup>th</sup> day of August, 2012 before me personally appeared Gregg Vanderheiden, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

  
\_\_\_\_\_  
Notary Public

My Commission expires: 12/16/2012

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P110167US01

App.#: 13/589628, Filed: August 20, 2012

Inventor: J Bern Jordan

Date: 8/30/2012

J. Bern Jordan  
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**William D Koepcke**  
**Notary Public**  
**State of Wisconsin**

State of Wisconsin )  
                                  )ss.  
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On this 30<sup>th</sup> day of August, 2012 before me personally appeared J. Bern Jordan, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

W D Ko  
Notary Public

My Commission expires: 12/16/2012

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P110167US01

App.#: 13/589628, Filed: August 20, 2012

Inventor: David P Kelso

Date: 8/30/2012

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**William D Koepcke**  
**Notary Public**  
**State of Wisconsin**

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On this 30<sup>th</sup> day of August, 2012 before me personally appeared David Kelso, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

W D Koepcke  
Notary Public

My Commission expires: 12/16/2012