

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	<b>CORRECTIVE ASSIGNMENT</b>
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the APPLICATION NUMBER TO READ -- 13540250-- previously recorded on Reel 028522 Frame 0355. Assignor(s) hereby confirms the ASSIGNMENT.

**CONVEYING PARTY DATA**

Name	Execution Date
David W. Caldwell	12/14/2005
Rick L. Oppor	12/14/2005
Anthony V. Gioiosa	12/14/2005
Robert B. Campbell	12/14/2005
Thomas M. Schreiber	12/14/2005
Bahar N. Wadia	12/14/2005
Mark R. Mathews	12/14/2005
Donald Charles Mueller	12/14/2005
Dan Eavenson	02/21/2006

**RECEIVING PARTY DATA**

<b>Name:</b>	TOUCHSENSOR TECHNOLOGIES, LLC
<b>Street Address:</b>	203 North Gables Boulevard
<b>City:</b>	Wheaton
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60187

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13540250

**CORRESPONDENCE DATA**

Fax Number: 3127595646  
 Phone: 312-357-1313  
 Email: ckwilosz@btlaw.com  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*  
 Correspondent Name: Mark P. Vrla

CH \$40.00 13540250

Address Line 1:	Barnes & Thornburg LLP
Address Line 2:	P.O. Box 2786
Address Line 4:	Chicago, ILLINOIS 60690-2786

ATTORNEY DOCKET NUMBER:	49256-119498 (MPV-1785)
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NAME OF SUBMITTER:	Mark P. Vrla, Reg. 43,973
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**Total Attachments: 12**

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 11, 2012

PTAS

MARK P. VRLA  
BARNES & THORNBURG LLP  
P.O. BOX 2786  
CHICAGO, IL 60690-2786

**501983368**

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/10/2012

REEL/FRAME: 028522/0355  
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 49256-119498

ASSIGNOR:  
CALDWELL, DAVID W.

DOC DATE: 12/14/2005

ASSIGNOR:  
OPPOR, RICK L.

DOC DATE: 12/14/2005

ASSIGNOR:  
GIOIOSA, ANTHONY V.

DOC DATE: 12/14/2005

ASSIGNOR:  
CAMPBELL, ROBERT B.

DOC DATE: 12/14/2005

ASSIGNOR:  
SCHREIBER, THOMAS M.

DOC DATE: 12/14/2005

ASSIGNOR:  
WADIA, BAHAR N.

DOC DATE: 12/14/2005

ASSIGNOR:  
MATHEWS, MARK R.

DOC DATE: 12/14/2005

ASSIGNOR:  
MUELLER, DONALD CHARLES

DOC DATE: 12/14/2005

ASSIGNOR:  
EAVENSON, DAN

DOC DATE: 02/21/2006

ASSIGNEE:  
TOUCHSENSOR TECHNOLOGIES, LLC  
203 NORTH GABLES BOULEVARD  
WHEATON, ILLINOIS 60187

*should have been  
No. 13/540250*

APPLICATION NUMBER: 13162198  
PATENT NUMBER:  
TITLE: COATING AND ELECTRONIC COMPONENT

FILING DATE: 06/16/2011  
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

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Correspondent Name: Mark P. Vrla  
 Address Line 1: Barnes & Thornburg LLP  
 Address Line 2: P.O. Box 2786

CH \$40.00 13162198

# ASSIGNMENT

Attorney Docket No.

Serial No. 11/236,077Filed September 26, 2005

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to \_\_\_\_\_

TouchSensor Technologies, LLC, 201 North Gables Boulevard, Wheaton, Illinois 60187,  
its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter called "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Touch Switches and Practical Applications Therefor  
filed on the 26th day of September, 2005, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

(Date)

David W. Caldwell

STATE OF MI )COUNTY OF Ottawa )<sup>ss</sup>

Before me, a Notary Public in and for the County and State aforesaid, appeared \_\_\_\_\_

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

BRENDA G. VANDER BERG  
Notary Public, State of Michigan  
County of Allegan  
My Commission Expires Nov. 18, 2012  
Acting in the County of Ottawa

Notary Public

*Brenda G. Vander Berg*

PATENT

REEL: 028843 FRAME: 0881

## ASSIGNMENT

Attorney Docket No.

Serial No. 11/236,077Filed September 26, 2005

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12/14/05  
(Date)

Rick L. Oppor  
Rick L. Oppor

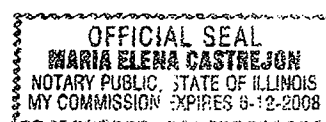
STATE OF Illinois )  
COUNTY OF DuPage ) ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Rick L. Oppor

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

Maria Elena Castrejon  
12-14-05



PATENT

REEL: 028843 FRAME: 0882

# ASSIGNMENT

Attorney Docket No.

Serial No. 11/236,077Filed September 26, 2005

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TouchSensor Technologies, LLC, 201 North Gables Boulevard, Wheaton, Illinois 60187, its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter called "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

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12/14/2005

(Date)

Anthony V. Gioiosa

Tony V. Gioiosa

ANTHONY

A.V.G. 12/14/2005

STATE OF ILLINOIS )COUNTY OF DuPage )

ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Anthony V. Gioiosa

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

Maria Elena Castrejon  
12-14-05



PATENT

REEL: 028843 FRAME: 0883



# ASSIGNMENT

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Serial No. 11/236,077Filed September 26, 2005

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(Date)

14 Dec 05  
STATE OF Illinois )  
COUNTY OF DaPage ) ss

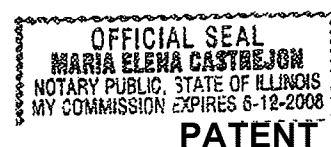
Robert B. Campbell  
Robert  
RBC 14 Dec 05

Before me, a Notary Public in and for the County and State aforesaid, appeared Robert B Campbell

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

Maria Elena Castrejon  
12-14-05



REEL: 028843 FRAME: 0884

# ASSIGNMENT

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(Date)

12/14/05

Thomas M. Schreiber  
Thomas M. Schreiber

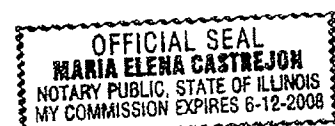
STATE OF ILLINOIS )  
COUNTY OF DuPage ) ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Thomas Schreiber

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

Maria Elena Castrejon  
12-14-05



PATENT

REEL: 028843 FRAME: 0885

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(Date)

12/14/05

Bahar N. Wadia

STATE OF Illinois )COUNTY OF DaPage ) ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Bahar N. Wadia

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

*Maria Elena Castrejon*  
12-14-05



PATENT

REEL: 028843 FRAME: 0886

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(Date)

12-14-05

Mark Mathews  
Mark R. Mathews

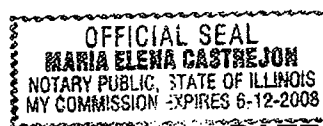
STATE OF ILLINOIS )  
COUNTY OF DaPage ) ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Mark R. Mathews

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Notary Public

Maria Elena Castrejon



PATENT

REEL: 028843 FRAME: 0887

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12-14-05

(Date)

Donald Charles Mueller

Donald Charles Mueller

STATE OF Illinois )COUNTY OF Da Page ) ss

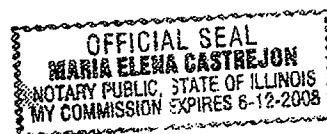
Before me, a Notary Public in and for the County and State aforesaid, appeared \_\_\_\_\_

Donald Charles Mueller

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.

Notary Public

Maria Elena Castrejon  
12-14-05



PATENT

REEL: 028843 FRAME: 0888

# ASSIGNMENT

Attorney Docket No.

Serial No. 11/236,077Filed September 26, 2005

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to \_\_\_\_\_

TouchSensor Technologies, LLC, 201 North Gables Boulevard, Wheaton, Illinois 60187,  
its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements (hereinafter called "said invention") of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Touch Switches and Practical Applications Therefor  
filed on the 26th day of September, 2005, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

PLEASE  
DATE →

2/21/06

(Date)

PLEASE  
SIGN →

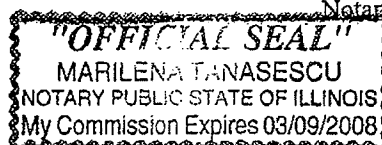
Dan Eavenson

Dan Eavenson

STATE OF Illinois )  
COUNTY OF Cook ) ss

Before me, a Notary Public in and for the County and State aforesaid, appeared Daniel Eavenson

to me personally known to be the signer, or signers, of the foregoing instrument, and acknowledged execution of said instrument as a free and voluntary act for the uses and purposes therein expressed.



Notary Public

Daniel Eavenson  
2/21/06