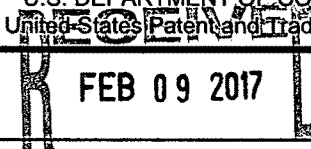


02/09/2017



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2/9/17

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Mark E. Nusbaum, Vincent Pera, Jr., Jan E. Rhoads, Jennifer L. Nusbaum

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SmarTEN LLC

Internal Address: _____

Street Address: 7103 Country Meadow Ct.

City: McLean

State: Virginia

Country: USA

Zip: 22101

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Feb. 4, 5, 6, 2017

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

15/361,383

B. Patent No.(s) 8,690,578

9,280,640 9,378,657
9,514,655

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert Vanderhye

Internal Address: _____

Street Address: 801 Ridge Dr.

City: McLean

State: VA

Zip: 22101

Phone Number: 703-442-0422

Docket Number: _____

Email Address: ravar46@yahoo.com

6. Total number of applications and patents involved: five

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 200.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

02/09/2017 DTIMBERL 00000021 15361383

01 FC:0021

200.00 OP

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Robert A. Vanderhye
Signature

Feb. 7, 2017

Date

Robert A. Vanderhye

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

ASSIGNMENT

Whereas Mark E. Nusbaum and Vincent Pera, Jr. are both natural persons and residents of McLean, Virginia and Cranston, Rhode Island, respectively (hereinafter ASSIGNORS) and are co-inventors and the owners of United States Patent Nos. 8,690,578; 9,280,640; 9,378,657; and 9,514,655, and pending United States Patent Application Serial No. 15/361,383 filed November 26, 2016, and all patent rights to divisional and continuing applications thereof.

Whereas SmarTEN LLC, a limited liability company of Virginia having its records office at 7103 Country Meadow Ct., McLean, VA 22101 (hereinafter ASSIGNEE) is interested in obtaining the entire right, title, and interest in and to the aforementioned patents and pending application and any subsequent, co-pending, or related applications filed or to be filed, and patents issued thereon, not just in the United States but in the entire world.

Now, therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby assign their entire right, title, and interest in and to the aforementioned patents and patent application, and any inventions disclosed therein, and any co-pending or subsequent applications in the United States or any other country, to said ASSIGNEE, including the right of priority under 35 USC §119, and all conventions to which the United States subscribes, as well as all rights in any patents granted thereon, including all divisionals, continuations, continuations-in-part, reissues, extensions, and all other related rights.

The signatures below indicate complete agreement with the terms set forth above.

Name: Mark E. Nusbaum
Mark E. Nusbaum

Date: 2/5/2017

Witness #1 Maheer Tadros
Name: Maheer Tadros
Address: 6385 Hawk View Ln
Alexandria, VA 22312

Witness #2 Lori Connors-Tadros
Name: LORI CONNORS-TADROS
Address: 6385 Hawk View Ln
Alexandria, VA 22312

Name: Vincent Pera, Jr.
Vincent Pera, Jr.

Date: 2/4/2017

Witness #1 Jennifer Conklin
Name: JENNIFER CONKLIN
Address: 36 CROCUS DRIVE
CRANSTON, RI 02920

Witness #2 Mary Pontarelli
Name: MARY Pontarelli
Address: 32 Mayfield Avenue
Cranston, RI 02920

ASSIGNMENT

Whereas we, Jan E. Rhoads and Jennifer L. Nusbaum are both natural persons and residents of Grapevine, Texas and Herndon, Virginia, respectively (hereinafter ASSIGNORS), to the extent that we have any rights to United States Patent Nos. 8,690,578; 9,280,640; 9,378,657; and 9,514,655; and pending U S Patent Application Serial No. 15/361,383, filed November 26, 2016, and all divisional and continuing applications thereof, wish to assign those rights. We are co-inventors of the aforementioned patents and filed application.

Whereas SmarTEN LLC, a limited liability company of Virginia having its records office at 7103 Country Meadow Ct., McLean, VA 22101 (hereinafter ASSIGNEE) is interested in obtaining any rights we might have in the aforementioned patents and filed application and any subsequent, co-pending, or related applications filed or to be filed, and patents issued thereon, not just in the United States but in the entire world.

Now, therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we ASSIGNORS do hereby assign any and all right, title, and interest we may have in and to the aforementioned patents and patent application, and any inventions disclosed therein, and any co-pending or subsequent applications in the United States or any other country, to said ASSIGNEE, including the right of priority under 35 USC §119, and all conventions to which the United States subscribes, as well as all rights in any patents granted thereon, including all divisionals, continuations, continuations-in-part, reissues, extensions, and all other related rights.

The signatures below indicate complete agreement with the terms set forth above.

Name: Jan E. Rhoads Date: 2/6/17
Jan E. Rhoads

Witness #1 Julie L. Moreland Witness #2 Joyce Gardner
Name: Julie L. Moreland Name: Joyce Gardner
Address: 1402 TRADEWIND CT. GRAPEVINE, TX 76051 Address: 825 Summit Dr. DeSoto, TX 75115

Name: Jennifer L. Nusbaum Date: 2/4/17

Witness #1 Kay [Signature]
Name: _____
Address: 10720 West Dr 301 Fairfax, VA 22030

Witness #2 Cynthia [Signature]
Name: Cynthia M. Nusbaum
Address: 7103 Country Meadow Ct McLean VA 22101

ASSIGNMENT

Whereas we, Jan E. Rhoads and Jennifer L. Nusbaum are both natural persons and residents of Grapevine, Texas and Herndon, Virginia, respectively (hereinafter ASSIGNORS), to the extent that we have any rights to United States Patent Nos. 8,690,578; 9,280,640; 9,378,657; and 9,514,655; and pending U S Patent Application Serial No. 15/361,383, filed November 26, 2016, and all divisional and continuing applications thereof, wish to assign those rights. We are co-inventors of the aforementioned patents and filed application.

Whereas SmartEN LLC, a limited liability company of Virginia having its records office at 7103 Country Meadow Ct., McLean, VA 22101 (hereinafter ASSIGNEE) is interested in obtaining any rights we might have in the aforementioned patents and filed application and any subsequent, co-pending, or related applications filed or to be filed, and patents issued thereon, not just in the United States but in the entire world.

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The signatures below indicate complete agreement with the terms set forth above.

Name: _____
Jan E. Rhoads


Date: _____

Witness #1 _____

Name:
Address:

Witness #2 _____

Name:
Address:

Name: 
Jennifer L. Nusbaum

Date: 2/4/17

Witness #1 Kerry Morrison
Name:
Address: 10720 West Dr 301
Fairfax, VA 22030

Witness #2 Cynthia M. Nusbaum
Name: Cynthia M. Nusbaum
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McLean VA 22101

PATENT