PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5489502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS FRANCIS GALVIN JR	12/12/2016
JAMES MOFFAT MCGILL HINKLE	12/06/2016
VICTOR MANUEL ORTIZ DEL VALLE	12/06/2016
UDAYAKUMAR RAMAKRISHNAN	12/06/2016
CHRISTINA M HAMILTON	12/05/2016
STUART EDWARD LOCKHART	12/15/2016
GREGORY SCOTT WOODS	12/05/2016

RECEIVING PARTY DATA

Name:	WELLS FARGO BANK, N.A.
Street Address:	420 MONTGOMERY STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16229163

CORRESPONDENCE DATA

Fax Number:

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.

Email: request@slwip.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: PO BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER:	4423.091US2
NAME OF SUBMITTER:	LESLIE J. ANTONSEN
SIGNATURE:	/Leslie J. Antonsen/
DATE SIGNED:	04/24/2019
	·

Total Attachments: 5

source=4423091US2recordationcs#page1.tif
source=4423091US2recordationcs#page2.tif
source=4423091US2recordationcs#page3.tif
source=4423091US2recordationcs#page4.tif
source=4423091US2recordationcs#page5.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4423.091US2 Patent and Trademark Office

To the Director of the U.S. Patent and Trademark O	ffice: Please record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
	Name: Wells Fargo Bank, N.A.
Thomas Francis Galvin Jr., James Moffat McGill Hi Victor Manuel Ortiz Del Valle, Udayakumar Ramaki Christina M. Hamilton, Stuart Edward Lockhart, Grej	rishnan, Street Address: 420 Montgomery Street
Scott Woods	City: <u>San Francisco</u> State: <u>CA</u> Zip: <u>94101</u> Country: <u>United States of America</u>
Additional name(s) of conveying party(ies) attached	Additional name(s) & address(es) attached? [[Yes [X]No
[]Yes [X]No	realization name(s) ee diddess(es) attached. [] res [24] re
3. Nature of conveyance:	
[X] Assignment [] Merger	
[] Security Agreement [] Change of Name	
[] Other	
Execution Date: December 12, 2016, December 6, 2 December 6, 2016, December 6, 2016, December 5, December 15, 2016, December 5, 2016	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new ap	oplication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 16/229,163, filed December 21, 2	2018
Additional numbers attached? []Yes [X]No	
	6. Total number of applications and patents involved: 1
5. Name and address of party to whom corresponde	nce
concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>
Name: Christopher G. Wolfe	[]Enclosed
Address:	[]Authorized to be charged to deposit account 19- 0743
Schwegman Lundberg & Woessner, P.A.	
P.O. Box 2938 Minneapolis, Minnesota 55402	8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743
• /	*
DO	NOT USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoin the original document.	ng information is true and correct and any attached copy is a true copy of
Christopher G. Wolfe/Reg. No. 56,264	/Christopher G. Wolfe/ 4/24/2019
Name of Person Signing	Signature Date
	Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services P.O. Box 1450 Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Thomas Francis Galvin Jr., James Moffat McGill Hinkle, Victor Manuel Ortiz Del Valle, Udayakumar Ramakrishnan, Christina M. Hamilton, Stuart Edward Lockhart and Gregory Scott Woods (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on September 21, 2016, which application was assigned US patent application serial number 15/272,036, and which is titled PROTECTING SENSITIVE DATA.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Wells Fargo Bank, N.A. (the "Assignee"), having a place of business at 420 Montgomery Street, San Francisco, CA 94101, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such Invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 135373 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

Docket No: 4423.091US1 Client Ref. No. WF2016014061 (IDF-16-0153)

Assignment
Assignors: Thomas Francis Galvin Jr. et al.
Title: PROTECTING SENSITIVE DATA

Page 2 of 4

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignor:		
(Signature):	1 thomas Francis Galvin, Ir.	/
	Name: Thomas Francis Galvin Jr.	
Date:	12/12/2016	
Assignor:		
(Signature):	/ James Moffat McGill Hinkle	/
	Name: James Moffat McGill Hinkle	
Date:	12/6/2016	
Assignor:		
(Signature):	Victor Manuel Ortiz Del Valle	/
	Name: Victor Manuel Ortiz Del Valle	
Date:	12/6/2016	
Assignor:		
(Signature):	/ Udayakumar Kamakrishnan	/
	Name: Udayakumar Ramakrishnan	
Date:	12/6/2016	

AssignmentAssignors: Thomas Francis Galvin Jr. et al.
Title: PROTECTING SENSITIVE DATA

Page 4 of 4

Docket No: 4423.091US1 Client Ref. No. WF2016014061 (IDF-16-0153)

Assignor:		
(Signature):	/ Christina M. Hamilton	
	Name: Christina M. Hamilton	
Date:	12/5/2016	
Assignor:		
(Signature):	Stuart Edward Lockhart	/
	Name: Stuart Edward Lockhart	
Date:	12/15/2016	
Assignor:		
(Signature):	1 Kregory Seath Woods	/
	Name: Gregory Scott Woods	
Date:	12/5/2016	

PATENT REEL: 048979 FRAME: 0132

RECORDED: 04/24/2019