

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC VILA	03/09/2018
JANICE GIROUARD	05/27/2018
DANIEL HALBER	08/02/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASSA ABLOY AB
<b>Street Address:</b>	KLARABERG SVIADUKTEN 90
<b>City:</b>	STOCKHOLM
<b>State/Country:</b>	SWEDEN
<b>Postal Code:</b>	SE-111 64
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15166571
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	5088988601
<b>Email:</b>	docketing@westboro-ip.com
<b>Correspondent Name:</b>	MUIRHEAD AND SATURNELLI, LLC
<b>Address Line 1:</b>	200 FRIBERG PARKWAY, SUITE 1001
<b>Address Line 4:</b>	WESTBOROUGH, MASSACHUSETTS 01581
<b>ATTORNEY DOCKET NUMBER:</b>	AIM-278US
<b>NAME OF SUBMITTER:</b>	DONALD W. MUIRHEAD
<b>SIGNATURE:</b>	/Donald W. Muirhead/
<b>DATE SIGNED:</b>	05/29/2018
<b>Total Attachments: 6</b>	
source=AIM-278US, Assignment#page1.tif	
source=AIM-278US, Assignment#page2.tif	
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**ASSIGNMENT**

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:

**EXTERNAL KEYBOARD WITH OTP CAPABILITY**

which was filed on May 27, 2016 as U.S. Patent Application Serial No. 15/166,571, and the undersigned have full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **ASSA ABLOY AB** ("ASSIGNEE"), a corporation having executive offices Klarabergsviadukten 90, Stockholm / SE-111 64, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, as described in the above-identified application, in any form or embodiment thereof, and in and to the above-identified application; and in and to any application filed in the U.S. or any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any U.S. or International convention or treaty, also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns.

Each of the undersigned further agree, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country.

Each of the undersigned hereby declares that:

- a. The above-identified application was made or authorized to be made by me.
- b. I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.
- c. I have reviewed and understand the contents of the above-identified application, including the claims.
- d. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 C.F.R. § 1.56.
- e. I hereby acknowledge that any willful false statement made in the above declarations is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Each of the undersigned hereby authorizes attorneys of Mulrhead and Saturnelli, LLC to insert here in parenthesis ( ) the application number and filing date of the above-identified application (or US or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, each of the undersigned has hereunto set their hands and seals on the date next to their signatures.

Date: \_\_\_\_\_

\_\_\_\_\_  
Georges Robert VIEUX

Date: March 9, 2018

\_\_\_\_\_  
Eric VILA

Docket Number: AIM-278PR

Date: \_\_\_\_\_

\_\_\_\_\_  
**Janice GIROUARD**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Daniel HALBER**

**ASSIGNMENT**

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:

**EXTERNAL KEYBOARD WITH OTP CAPABILITY**

which was filed on May 27, 2015 as U.S. Patent Application Serial No. 62/166,846, and the undersigned have full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **ASSA ABLOY AB** ("ASSIGNEE"), a corporation having executive offices Klarabergsviadukten 90, Stockholm / SE-111 64, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, as described in the above-identified application, in any form or embodiment thereof, and in and to the above-identified application; and in and to any application filed in the U.S. or any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any U.S. or international convention or treaty, also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns.

Each of the undersigned further agree, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country.

Each of the undersigned hereby declares that:

- a. The above-identified application was made or authorized to be made by me.
- b. I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.
- c. I have reviewed and understand the contents of the above-identified application, including the claims.
- d. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 C.F.R. § 1.56.
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IN TESTIMONY WHEREOF, each of the undersigned has hereunto set their hands and seals on the date next to their signatures.

Date: \_\_\_\_\_

\_\_\_\_\_  
Georges Robert VIEUX

Date: \_\_\_\_\_

\_\_\_\_\_  
Eric VILA

Date: 5/27/ 2018

J Girouard  
Janice GIRONARD

Date: \_\_\_\_\_

\_\_\_\_\_  
Daniel HALBER

**ASSIGNMENT**

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:  
**EXTERNAL KEYBOARD WITH OTP CAPABILITY**

which was filed on May 27, 2016 as U.S. Patent Application Serial No. 15/166,571, and the undersigned have full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, **ASSA ABLOY AB** ("ASSIGNEE"), a corporation having executive offices Klarabergsviadukten 90, Stockholm / SE-111 64, Sweden, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

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IN TESTIMONY WHEREOF, each of the undersigned has hereunto set their hands and seals on the date next to their signatures.

Date: \_\_\_\_\_

\_\_\_\_\_  
Georges Robert VIEUX

Date: \_\_\_\_\_

\_\_\_\_\_  
Eric VILA

Docket Number: AIM-278US

Date: \_\_\_\_\_

\_\_\_\_\_  
Janice GIROUARD

Date: August 2, 2017

  
\_\_\_\_\_  
Daniel HALBER