## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6255023

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREW E. BROWN	06/23/2015
ELAD D. LACHMANOVICH	07/30/2015
EYAL KLEIN	07/26/2015
OREN P. WEINGARTEN	07/26/2015
ALEXANDER Y. NEPOMNIASHCHY	07/27/2015

#### RECEIVING PARTY DATA

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State/Country:	MASSACHUSETTS
Postal Code:	02048

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16995966

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER: JOSHUA ZARABI SIGNATURE: /Joshua Zarabi/	
SIGNATURE: /Joshua Zarabi/	
700011dd Editabil	
<b>DATE SIGNED:</b> 08/18/2020	

**Total Attachments: 8** 

**PATENT REEL: 053522 FRAME: 0648** 

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PATENT REEL: 053522 FRAME: 0649

# Attorney Docket No. H-IL-00133 (1988-133) PATENT

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [ ] U.S. Patent
By: [X] Inventor or [ ] Present Owner

## **ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:	
	Andrew E. Brown
	Elad Lachmanovich
	Eyal Klein
	Oren P. Weingarten

**Alexander Nepomniashchy** 

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)  Recorded on:  Reel Frame
hereby sells, assigns and transfers to
ASSIGNEE:  Covidien LP  15 Hampshire Street  Mansfield, MA 02048  US
and the successors, assigns and legal representatives of the ASSIGNEE
[X] the entire right, title and interest
[] an undivided percent (%) interest for the United States and its territorial possessions
[X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including a treaty and convention rights in and to the invention and any and all improvements entitled:
REAL-TIME AUTOMATIC REGISTRATION FEEDBACK (Title)
and which is found in
(a) [] U.S. application Serial No. 14/790,581 filed on July 2, 2015 (b) [x] U.S. provisional application No. 62/020,220 filed on July 2, 2014. (c) [] U.S. Patent No. issued (d) [] PCT application No. filed on [] A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.  (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above

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application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenant to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Andrew E. Brown

<u>)uni 23, 2015</u> (Date)

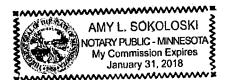
State of MININESOTA

County of HENNEPIN )

Before me this 23 day of UNE 2015, personally appeared Andrew E. Brown, to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notaty Public

**AFFIX SEAL** 



For: [X] U.S. and/or [X] Foreign Rights For: [X] U.S. Application or [ ] U.S. Patent By: [X] Inventor or [ ] Present Owner		
ASSIGNMENT OF INVENTION		
In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,		
ASSIGNORS:  Andrew E. Brown Elad Lachmanovich Eyal Klein Oren P. Weingarten Alexander Nepomniashchy		
(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)  Recorded on: Reel Frame		
hereby sells, assigns and transfers to		
ASSIGNEE:  Covidien LP  15 Hampshire Street  Mansfield, MA 02048  US		
and the successors, assigns and legal representatives of the ASSIGNEE		
[X] the entire right, title and interest		
[] an undivided percent (%) interest for the United States and its territorial possessions		
[X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:		
REAL-TIME AUTOMATIC REGISTRATION FEEDBACK (Title)		

(a)

(b) (c)

(d)

(e)

and which is found in

[x]

[x]

[]

[x]

U.S. Patent No.

Attorney Docket No. H-IL-00133 (1988-133)

Page 1 of 4

issued

and, in and to, all Letters Patent to be obtained for said invention by the above

and any legal equivalent thereof in a foreign country, including the right to claim priority

filed on \_ PCT application No. \_\_\_\_\_\_ filed on \_\_\_\_\_.
A change of address to which correspondence is to be sent regarding patent

U.S. application Serial No. 14/790,581 filed on July 2, 2015.

maintenance fees is being sent separately.

U.S. provisional application No. 62/020,220 filed on July 2, 2014.

application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Andrew E. Brown	
(Name)	
(Inventor Signature)	(Date)
Witnessed by:	
(Print Name)	
(Witness Signature)	(Date)

Page 2 of 4

Elad Lachmanovich	
(Name)	
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Joseph & hic	35/74//2015
(Inventor Signature)	(Dáte)
Witnessed by:	
Yaviv Lishnum (Print Name)	
(Witness Signature)	30/7/15 (Date)
(Witness Signature)	(Date)
Eyal Klein	
(Name)	
(Inventor Signature)	(Date)
Witnessed by:	
(Print Name)	
(Witness Signature)	(Date)

Elad Lachmanovich	
(Name)	
<u> </u>	
(Inventor Signature)	(Date)
Witnessed by:	
(Print Name)	
(Witness Signature)	(Date)
Eyal Klein (Name)	
(Inventor Signature)	26-70/2-2015 (Date)
(Inventor Signature)	(Date)
Witnessed by:	
Oren Weingarten (Print Name)	
Cirrina Comment	7 7 7 7 - 7 - 10
	26- July - 2015 (Date)
(Witness Signature)	(Date)

Oren P. Weingarten (Name)	
(Inventor Signature)	26-July-2015 (Date)
Witnessed by:	
EYAL KLEIN (Print Name)	
(Witness Signature)	26- July-2017 (Date)
Alexander Nepomniashchy (Name)	
(Inventor Signature)	(Date)
Witnessed by:	
(Print Name)	
the state of the s	15:1-5
(Witness Signature)	(Date)

Oren P. Weingarten	
(Name)	
(Inventor Signature)	(Date)
	<b>\</b>
Witnessed by:	
(Print Name)	
(Witness Signature)	(Date)
Alexander Nepomniashchy (Name)	
(Inventor Signature)	27/7/2015 (Date)
Witnessed by:	
Oren Weingarten (Print Name)	
(Witness Signature)	27-54ly-2015 (Date)