506027546 04/23/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6074261

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER CALLEWAERT	04/22/2020
DENNIS TRULLI JR.	04/22/2020

## **RECEIVING PARTY DATA**

Name:	EMC IP HOLDING COMPANY LLC	
Street Address:	176 SOUTH STREET	
City:	HOPKINTON	
State/Country:	MASSACHUSETTS	
Postal Code:	01748	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16855315

### **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.

Phone: 7813631728 Email: john@gorecki.us

Correspondent Name: ANDERSON GORECKI LLP

Address Line 1: ONE MARINA PARK DRIVE, SUITE 1410

Address Line 2: ATTTN: JOHN GORECKI

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	130-236JCG
NAME OF SUBMITTER:	JOHN C GORECKI, REG NO 38471
SIGNATURE:	/John C Gorecki/
DATE SIGNED:	04/23/2020

## **Total Attachments: 4**

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PATENT REEL: 052473 FRAME: 0331

#### ASSIGNMENT

WHEREAS, I/we, **Peter Callewaert** and **Dennis Trulli Jr.**, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

# METHOD AND APPARATUS FOR IDENTIFYING A DEVICE MISSING FROM A CONSISTENCY GROUP,

the specification of which:

[X]	is being executed on even date herewith and is about to be filed in the U States Patent Office;	
[]	was filed on as U.S. Application No;	
[]	was patented under U.S. Patent Noon	

WHEREAS, EMC IP HOLDING COMPANY LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I/we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment and sale not been made; I/we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we do hereby appoint as our attorneys Holmes W. Anderson and John C. Gorecki of Anderson Gorecki LLP, whose full office address is One Marina Park Drive, Suite 1410, Boston, MA 02210, and authorize them to prosecute the patent application(s) and correct errors in this Assignment and to insert any further identification and other information necessary or desirable to make this Assignment suitable for recording in a domestic or foreign Patent Office.

IN TESTIMONY WHEREOF, I/we have hereunto set our hands and affixed our seals as set forth below:

Date:	
	Inventor's Signature
Full name of inventor	Peter Callewaert
Residence	Puurs-Sint-Amands, Belgium
Citizenship	Belgium
Mailing Address	176 South Street
	Hopkinton, MA 01748
Date: 04/22/2020	Dennis J. Frulli Je.
	Inventor's Signature
Full name of inventor	Dennis Trulli Jr.
Residence	Littleton, MA, USA
Citizenship	USA
Mailing Address	176 South Street
	Hopkinton, MA 01748

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[X]	is being executed on even date herewith and is about to be filed in the United States Patent Office;
[]	was filed on;
[]	was patented under U.S. Patent Noon

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I/we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment and sale not been made; I/we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

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IN TESTIMONY WHEREOF, I/we have hereunto set our hands and affixed our seals as set forth below:

Date: April 22, 2020	
	Inventor's Signature
Full name of inventor	Peter Callewaert
Residence	Puurs-Sint-Amands, Belgium
Citizenship	Belgium
Mailing Address	176 South Street
	Hopkinton, MA 01748
Date:	
	Inventor's Signature
Full name of inventor	Dennis Trulli Jr.
Residence	Littleton, MA, USA
Citizenship	USA
Mailing Address	176 South Street
	Hopkinton, MA 01748