504487254 08/03/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4533956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GRÉGOIRE COURTINE	06/23/2017
SILVESTRO MICERA	06/23/2017
JOACHIM VON ZITZEWITZ	06/27/2017

RECEIVING PARTY DATA

Name:	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
Street Address: EPFL-TTO EPFL INNOVATION PARK J	
City:	LAUSANNE
State/Country:	SWITZERLAND
Postal Code:	CH-1015

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15667843	

CORRESPONDENCE DATA

Fax Number: (971)271-8021

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: (971) 271-8020

Email: foreigninbound@mccrus.com

Correspondent Name: MCCOY RUSSELL LLP
Address Line 1: 806 SW BROADWAY

Address Line 2: SUITE 600

Address Line 4: PORTLAND, OREGON 97205-3335

ATTORNEY DOCKET NUMBER:	DTS16303PCTUSDIV2
NAME OF SUBMITTER:	ELLEN MCKEAN
SIGNATURE:	/Ellen McKean/
DATE SIGNED:	08/03/2017

Total Attachments: 3

source=Assignment DTS16303PCTUSDIV2 (as filed) 8-3-17#page1.tif source=Assignment DTS16303PCTUSDIV2 (as filed) 8-3-17#page2.tif source=Assignment DTS16303PCTUSDIV2 (as filed) 8-3-17#page3.tif

PATENT 504487254 REEL: 043185 FRAME: 0429

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

- 1. Grégoire COURTINE, residing in Lausanne, Switzerland;
- 2. Silvestro MICERA, residing in Genève, Switzerland; and
- 3. Joachim VON ZITZEWITZ, residing in Lausanne, Switzerland;

have invented an invention entitled APPARATUS AND METHOD FOR RESTORING VOLUNTARY CONTROL OF LOCOMOTION IN NEUROMOTOR IMPAIRMENTS, for which I/we have executed an application for Letters Patent of the United States (check one):

() or	the date I/we executed this assig	nment;				
() as	U.S. Patent Application No.		filed			
		International Application No.	PCT/IB2013/054421	filed	May 29	2013	

I/we authorize the attorneys/agents authorized to act under Customer Number 145572 to insert the filing date and application number of said application when known.

WHEREAS.

ECOL

POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) ("Assignee"), a Swiss organization, having its principal place of business at EPFL-TTO EPFL Innovation Park J, CH-1015 Lausanne, Switzerland, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignee, as the assignee of my/our entire right, title and interest in and to the same, for the sole use of the Assignee, their successors and assigns.

Further, I/we agree that I/we will communicate to Assignee, or their representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignee, make all rightful oaths and generally do everything possible to aid Assignee, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I'we have hereunto set my/our hand(s) on the dates indicated below.

1.	Inventor Na	ame: į	Grégoire COURTINE	Sumple Z	Date: <u>23/6/20</u>	
2.	Inventor Na	ıme: ့	Silvestro MICERA	Signature:	 Date;	
3.	Inventor Na	ame: ,	Ioachim VON ZITZEWIT	Z Signature:	 Date:	

Page 1 of 1 - ASSIGNMENT - Docket No. DT\$16303PCTUSDIV2; DT\$ Ref: 34727.GTE.P110US.PC.02

PATENT REEL: 043185 FRAME: 0430

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s);

- 1. Grégoire COURTINE, residing in Lausanne, Switzerland;
- 2. Silvestro MICERA, residing in Genève, Switzerland; and
- 3. Joachim VON ZITZEWITZ, residing in Lausanne, Switzerland;

have invented an invention entitled APPARATUS AND METHOD FOR RESTORING VOLUNTARY CONTROL OF LOCOMOTION IN NEUROMOTOR IMPAIRMENTS, for which I/we have executed an application for Letters Patent of the United States (check one):

 () on the date I/we executed this assignment; 		
() as U.S. Patent Application No.	, filed	3
(X) as International Application No. <u>PCT/IB2</u>	013/054421 , filed <u>May 29, 201</u>	3
I/we authorize the attorneys/agents authorized to the filing date and application number of said application		72 to insert
	WHEREAS,	ECOLE
POLYTECHNIQUE FEDERALE DE LAUSANNE (EPE	1) ("Assignee") a Swiss proprieties	having ite

POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) ("Assignee"), a Swiss organization, having its principal place of business at EPFL-TTO EPFL Innovation Park J, CH-1015 Lausanne, Switzerland, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed.

I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignee, as the assignee of my/our entire right, title and interest in and to the same, for the sole use of the Assignee, their successors and assigns.

Further, I/we agree that I/we will communicate to Assignee, or their representatives, any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignee, make all rightful oaths and generally do everything possible to aid Assignee, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHERBOF, I/we have hereunto set my/our hand(s) on the dates indicated below.

1. Inventor Name:	Grégoire COURTINE Signature:	Date:
2. Inventor Name:	Silvestro MICERA Signature:	Date: June 23, 2017
3. Inventor Name:	Inachim VON ZITZEWITZ Signature:	Date:

Page 1 of 1 - ASSIGNMENT - Docket No. DTS16303PCTUSDIV2; DTS Ref; 34727.GTE.P110US.PC.02

PATENT REEL: 043185 FRAME: 0431

ASSIGNMENT

WHEREAS, I/we, the following named inventor(s):

- 1. Grégoire COURTINE, residing in Lausanne, Switzerland;
- Silvestro MICERA, residing in Genève, Switzerland; and
 Joachim VON ZITZEWITZ, residing in Lausanne, Switzerland;

have invented an invention entitled APPARATUS AND METHOD FOR RESTORING VOLUNTARY CONTROL OF LOCOMOTION IN NEUROMOTOR IMPAIRMENTS, for which
/we have executed an application for Letters Patent of the United States (check one):
() on the date I/we executed this assignment; () as U.S. Patent Application No
I/we authorize the attorneys/agents authorized to act under Customer Number 145572 to insert the filing date and application number of said application when known.
WHEREAS. ECOLE
principal place of business at EPFL-TTO EPFL Innovation Park J. CH-1015 Lausanne, Switzerland, is desirous of acquiring an interest therein; NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I/we, the above named inventor(s), have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto Assignee, the full and exclusive right to the above-identified invention in the United States and its territorial possessions and in all foreign countries, and the entire right title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues continuations and extensions thereof, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed. I/We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to Assignee, as the assignee on my/our entire right, title and interest in and to the same, for the sole use of the Assignee, their successors are assigns. Further, I/we agree that I/we will communicate to Assignee, or their representatives, any facts know to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Assignee, make all rightful oaths an generally do everything possible to aid Assignee, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.
IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s) on the dates indicated below.
1. Inventor Name: Grégoire COURTINE Signature: Date:
2. Inventor Name: Silvestro MICERA Signature: Date:
3. Inventor Name: Joachim VON ZITZEWITZ Signature: Date: 27.6.7017

Page 1 of 1 - ASSIGNMENT - Docket No. DTS16303PCTUSDIV2; DTS Ref: 34727.GTE.P110US.PC.02

PATENT REEL: 043185 FRAME: 0432

RECORDED: 08/03/2017