504185177 01/19/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4231852

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
			Name	Execution Date	
DANIËL IMMANUEL N	MICHAËL V	AN D	ORT	12/22/2016	
HARRY SURYAPRAN	IATA			12/30/2016	
PAUL FREDERIK GR	ÜNDEMAN	١		12/22/2016	
JAKOB ROELF LAHP	OR			12/23/2016	
Name:		_			
Street Address:			GROOTEPLEIN-ZUID 10		
City:	NIJME				
State/Country:	NETH		IDS		
Postal Code:	6525 0	àA			
PROPERTY NUMBER	RS Total: 1			_	
Property Typ	е		Number		
Application Number:		15322	2459		
	l be sent to if provided	<i>d; if th</i> USPT NLO ANNA CITY	e- <i>mail address first; if that is uns at is unsuccessful, it will be sen</i> O@nlo.eu VAN BUERENPLEIN 21A OFFICES HAGUE, NETHERLANDS 2595 D/	nt via US Mail.	
ATTORNEY DOCKET	NUMBER:		P6048398PCT/US		
NAME OF SUBMITTE	R:		CATHERINE A. SHULTZ		
SIGNATURE: /Cather			/Catherine A. Shultz/		
DATE SIGNED:			01/19/2017		
Total Attachments: 9 source=P6048398PCT- source=P6048398PCT- source=P6048398PCT-	-US ass#p	age2.ti	f		

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ASSIGNMENT BETWEEN:

VAN DORT, Daniël Immanuel Michaël,

SURYAPRANATA, Harry,

GRÜNDEMAN, Paul Frederik,

LAHPOR, Jakob Roelf.

("the Assignor(s)")

and:

Stichting Katholieke Universiteit c/o Geert Grooteplein-Zuid 10 6525 GA Nijmegen The Netherlands

("the Assignee(s)")

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as "Heart support device" for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

(B) The Assignor(s) has/have agreed to assign to the Assignee(s), its successors and assigns, all right, title and interest in the Invention(s) and in any and all applications filed thereon, throughout the world and in particular in the United States of America (as defined in 35 U.S.C. § 100) and any territories indicated in the schedule below, including the right to apply for the grant of patents together with the right to apply for the grant of any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) arising from the Invention(s) and improvements and modifications thereof, the right to claim convention priority, the right to be granted patents along with extensions and renewals thereof and the right to enforce any patent(s) granted for the Invention(s) to the full end of the term(s) for which such patent(s) issue, including all claims, if any, that may have arlsen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the Assignce to the same extent as they would have been held and enjoyed by the Assigner(s) had this assignment and sale not been made.

(C) The Assignor has further agreed to assign any copyright, design right, know how, or other intellectual properties associated with the Invention(s) to the Assignee(s).

NOW THEREFORE, in consideration of the good and valuable sum of EURO 1.00 and other good and valuable consideration paid by the Assignee(s) to the Assignor(s), the receipt of which is hereby acknowledged, the Assignor(s) hereby assigns/assign to the Assignee(s) all of the rights set out under (B) and (C) above.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers and the provision of any evidence, required by the Assignee(s) or its/their agent(s) to further the grant of any patent application(s) associated with the Invention(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, re-examination or corresponding application(s) filed therefrom, and the subsequent maintenance and enforcement of any patent(s) granted on such application(s), to execute separate

Initials Assignor(s)

Initial Assignces(s)

PATENT REEL: 041012 FRAME: 0630

P. T. Jundun

assignment(s) in connection with such application(s) as the Assignee(s) may deem necessary or expedient, and to communicate to Assignee(s), its successors and assigns, or their representative or agents, all facts and information known or available to Assignor(s) respecting the Invention, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee(s).

The Assigner(s) agrees/agree to execute all papers necessary in connection with any interference proceedings that may be declared in the United States of America concerning any patent application(s), patent(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or re-examination application associated therewith, and to cooperate with the Assignee(s) in every way possible in obtaining evidence and going forward with such interference.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers, required by the Assignee(a) or its/their agent(s) in order to record this assignment document in any national/regional/international intellectual property register throughout the world.

The Assignor(s) hereby represents/represent that he/she/they has/have the full right to convey the entire right, title and interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

It is hereby agreed that the terms of this assignment shall be interpreted under the laws of The Netherlands and disputes arising under this agreement shall be adjudicated before the courts in The Hague.

The undersigned hereby grants to the patent attorneys and lawyers of Nederlandsch Octrooibureau power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document.

SCHEDULE Country	Application No.	Filing Date
Ешоре	14174988.7	30 June 2014
United States of America		

Initials Assignor(s)	THE	P.T. frindenne

Initial Assignees(s)_____

-2-

PATENT

REEL: 041012 FRAME: 0631

ASSIGNMENT BETWEEN:

VAN DORT, Daniël Immanuel Michaël,

SURYAPRANATA, Harry,

GRÜNDEMAN, Paul Frederik,

LAHPOR, Jakob Roelf.

("the Assignor(s)")

and:

Stichting Katholieke Universiteit c/o Geert Grooteplein-Zuid 10 6525 GA Nijmegen The Netherlands

("the Assignce(s)")

WHEREAS:-

(A) The Assignor(s) is/are the inventor(s) of the Invention(s) known as "Heart support device" for which patent protection has been applied for in the form of the patent application(s) listed in the schedule below.

(B) The Assignor(s) has/have agreed to assign to the Assignce(s), its successors and assigns, all right, title and interest in the Invention(s) and in any and all applications filed thereon, throughout the world and in particular in the United States of America (as defined in 35 U.S.C. § 100) and any territories indicated in the schedule below, including the right to apply for the grant of patents together with the right to apply for the grant of any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) arising from the Invention(s) and improvements and modifications thereof, the right to claim convention priority, the right to be granted patents along with extensions and renewals thereof and the right to enforce any patent(s) granted for the Invention(s) to the full end of the term(s) for which such patent(s) issue, including all claims, if any, that may have arisen for infringement prior to the date of this assignment, such entire right, title and interest to be held and enjoyed by the Assignce to the same extent as they would have been held and enjoyed by the Assignment and sale not been made.

(C) The Assignor has further agreed to assign any copyright, design right, know how, or other intellectual properties associated with the Invention(s) to the Assignee(s).

NOW THEREFORE, in consideration of the good and valuable sum of EURO 1.00 and other good and valuable consideration paid by the Assignee(s) to the Assignor(s), the receipt of which is hereby acknowledged, the Assignor(s) hereby assigns/assign to the Assignee(s) all of the rights set out under (B) and (C) above.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers and the provision of any evidence, required by the Assignee(s) or its/their agent(s) to further the grant of any patent application(s) associated with the Invention(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, re-examination or corresponding application(s) filed therefrom, and the subsequent maintenance and enforcement of any patent(s) granted on such application(s), to execute separate

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Initials Assignot(s)	1	ţ	in	<u>Lag</u>		

Initial Assignees(s)

assignment(s) in connection with such application(s) as the Assignee(s) may deem necessary or expedient, and to communicate to Assignee(s), its successors and assigns, or their representative or agents, all facts and information known or available to Assignor(s) respecting the Invention, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by Assignee(s).

The Assignor(s) agrees/agree to execute all papers necessary in connection with any interference proceedings that may be declared in the United States of America concerning any patent application(s), patent(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or re-examination application associated therewith, and to cooperate with the Assignee(s) in every way possible in obtaining evidence and going forward with such interference.

The Assignor(s) agrees/agree to promptly take any action, including the execution of any papers, required by the Assignee(s) or its/their agent(s) in order to record this assignment document in any national/regional/international intellectual property register throughout the world.

The Assignor(s) hereby represents/represent that he/she/they has/have the full right to convey the entire right, title and interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict therewith.

It is hereby agreed that the terms of this assignment shall be interpreted under the laws of The Netherlands and disputes arising under this agreement shall be adjudicated before the courts in The Hague.

The undersigned hereby grants to the patent attorneys and lawyers of Nederlandsch Octrooibureau power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document.

SCHEDULE

Country	Application No.	Filing Date
Burope	14174988.7	30 June 2014
United States of America		

Initials Assignor(s)

Initial Assignces(s)_

- 2 --

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite their name(s).

\mathfrak{S}^* (2) and	1 de	Dota	22/12	11
SIGNATURE OF INVENTOR/ASSIGNOR:		Date:	2410	. 0
(dd.mm.yyyy)			()	

VAN DORT, Daniël Immanuel Michaël

STATEMENT OF FIRST WITNESS:
Signed at Nymetien (city) NL (country)
on <u>22</u> (day) <u>december</u> (month) <u>2016</u> (year)
I, F.J.F. M. Smeeds whose full residence address is
Hed Kerkepan 2, 6983 HM DOESburg, NL was
personally present and did see the person named above, Daniel van Dort,
execute the above assignment on 22 (day) december (month) 2016 (year), and
such assignor is personally known to me to be the person described in this assignment.
Signature of Witness
STATEMENT OF SECOND WITNESS:
Signed at Nymezen (city) the Nether (40) addition)
on <u>22</u> (day) <u>December (month)</u> 2016 (year)
I, JRENE C. VOS whose full residence address is
Radboudume, R. Postlaan 2, 6525 GC Nijmepen was
personally present and did see the person named above, Daniel Van Doret.
execute the above assignment on 22 (day) December (month) 20/keyear), and
such assignor is personally known to me to be the person described in this assignment.
Signature of Witness

PATENT REEL: 041012 FRAME: 0634

File No: P6048398PCT/US
SIGNATURE OF ASSIGNOR: Date: 30-12-2016 (dd.mm.yyyy)
SURYAPRANATA, Harry
STATEMENT OF FIRST WITNESS:
Signed at <u>Nymejen</u> (city) <u>NL</u> (country) on <u>30</u> (day) <u>12</u> (month) <u>2016</u> (year) I, <u>F. J.F. M. Smeets</u> whose full residence address is <u>Hel Kerkeprod 2. 63B3 HM Docsbirg, NL</u> was
on 30 (day) 12 (month) 2016 (year)
I, <u>F. J.F. M. Smeets</u> whose full residence address is
Hei Kerkepad 2, GB3 HM Docsburg, NL was
personally present and did see the person named above, runny Junyapravida
execute the above assignment on <u>30</u> (day) <u>12</u> (month) <u>2016</u> (year), and
such assignor is personally known to me to be the person described in this assignment,
Signature of Witness //////
STATEMENT OF SECOND WITNESS:
Signed at Nymeson (city) He Ne Hur addition (s on 30 (day) 72 (month) 2016 (year)
on $\underline{30}$ (day) $\underline{72}$ (month) $\underline{2016}$ (year)
1, Welse C. VDS whose full residence address is
Part Sudjunc, R. Postlaan 2, 6525 GC Njrnegreen, was personally present and did see the person named above, <u>Hanny Surjapean</u> uta
personally present and did see the person named above, <u>Hanny Surgapeanate</u>
execute the above assignment on <u>20</u> (day) <u>12</u> (month) <u>2016</u> (year), and
such assignor is personally known to me to be the person described in this assignment.
Signature of Witness

- 4 -

File No: P6048398PCT/US	
SIGNATURE OF ASSIGNOR ALLA Date: 22/12/ 2016	' 'YYY)
GRÜNDEMAN, Paul Frederik	
STATEMENT OF FIRST WITNESS: Signed at <u>We diff</u> (city) <u>Al</u> (country) on <u>22</u> (day) <u>/2</u> (month) <u>20/6</u> (year) I, <u>MCL rielle</u> <u>Jansen</u> whose full residence address is <u>W</u> <u>Her delbey loon 100</u> <u>35846X</u> <u>Whe df</u> was personally present and did see the person named above, <u>P.F</u> <u>frindennom</u> , execute the above assignment on <u>22</u> (day) <u>/2</u> (month) <u>20/6</u> (year), and such assigner is personally known to me to be the person described in this assignment.	ипси.
Signature of Witness Signature of Witness Signature of Witness Signat at $(\underline{Me} \ \underline{AA} \ (city) \ \underline{MC} \ (country)$ on 22 (day) 12 (month) 206 (year) r, Julia \underline{M} co $\underline{HO} \ \underline{ME} \ M$	тси

PATENT REEL: 041012 FRAME: 0636

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File No: P6048398PCT/US
SIGNATURE OF ASSIGNOR: Date: 13/12/16 (dd.mm.yyyy)
LALIPOR, Jakob Roelf
STATEMENT OF FIRST WITNESS:
signed at <u>Kanata</u> (city) <u>Canada</u> (country)
on <u>23</u> (day) <u>December</u> (month) <u>2016</u> (year)
1, Dominique Gagnori whose full residence address is
1407 Houston Cr Kanats ON KZW1B6 (241202 Was
personally present and did see the person named above, Jakob K Lahpor
execute the above assignment on <u>23</u> (day) <u>DEC</u> (month) <u>2016</u> (year), and
such assignor is personally known to me to be the person described in this assignment.
Signature of Witness
STATEMENT OF SECOND WITNESS:
Signed at Kanata (city) (anada (country)
on 23 (day) Delet ber (month) 2016 (year)
I, GISck lessign whose full residence address is
2248 app 6 mist Jacque jonquière QC Ginada was
personally present and did see the person named above,Kab K. Lapor
execute the above assignment on 23 (day) (month) 2016 (year), and
such assignor is personally known to me to be the person described in this assignment.
Signature of Witness

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File No: P6048398PCT/US
SIGNATURE OF ASSIGNEE: D. Masman Date: 2 2 DEC. 2016 mm. yyyy)
Stichting Katholieke Universiteit
STATEMENT OF FIRST WITNESS: Signed at <u>NY MEGEN</u> (city) <u>Hel Nelherckehild</u> 's on <u>22</u> (day) <u>December (month)</u> <u>2016</u> (year) I. <u>IRANC</u> . <u>C. VOS</u> whose full residence address is <u>Reicher address</u> is <u>personally present and did see the person named above</u> , <u>D. Masman</u> , execute the above assignment on <u>22</u> (day) <u>December</u> (month) <u>2016</u> (year), and such assignor is personally known to me to be the person described in this assignment. <u>Signature of Withers</u>
STATEMENT OF SECOND WITNESS:
Signed at <u>Nifter-gro</u> (city) the <u>Nether-lacob</u> (country) on <u>22</u> (day) <u>December</u> (month) <u>2016</u> (year)
on 22 (day) <u>Secondar (month) 2.6/6</u> (year)
I, <u>Marnilla Baldeer</u> whose full residence address is <u>RasiSoundume</u> , <u>R. Postlann 2</u> , <u>ML 6525 GC</u> <u>Mijungre</u> , <u>NL</u> was personally present and did see the person named above, <u>D. Masimum</u> ,
personally present and did see the person named above, D. Mas'man
execute the above assignment on <u>22</u> (day) <u>Decenter</u> (month) <u>2016</u> (year), and
such assignor is personally known to me to be the person described in this assignmen).
Signalure of Witness

- 7 --