505224175 12/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5270944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuhiro MATSUI	11/30/2018
Naoki MORI	11/26/2018

RECEIVING PARTY DATA

Name:	Omron Healthcare Co., Ltd.		
Street Address:	53, Kunotsubo, Terado-cho		
City:	Muko-shi, Kyoto		
State/Country:	Japan		
Postal Code:	617-0002		

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16212563				

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

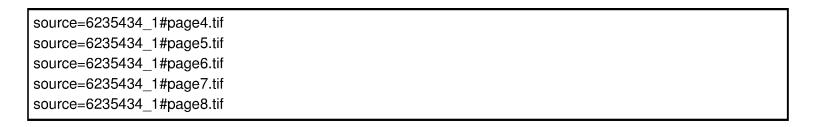
Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	183788
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	12/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 8

505224175

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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Kazuhire	MATSUL	(2)	Naoki MORI	
(1-8)	Legal Name(s)	(3)			(4)		
	of Inventor(s)	(5)			(6)		
		(7)			(8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	OMRON	HEALTHCARI	ECO., LTI	Ď.:	
(10)	Insert Address of Assignee	(10)	53, Kun	otsubo, Terado-	cho, Muko	-shi, Kyoto 617-0002, JAPAN	
(11)	Insert	Unite all ap divisi all Le	d States of plications conal, content enters Pater anted on the content enters Pater enters enters enters enters en	f America as defi for patent includ- inuation, internat nt, extensions, re- he invention know	ined in 35 ling any an tional, sub- issues and wn as	e right, title and interest for the U.S.C. §100, in the invention, and in id all provisional, non-provisional, stitute and reissue application(s), and reexamination certificates that may VE MEASUREMENT	
	Identification such as Title,		APPAR	ATUS			
	Case Number, or Foreign Application Number	(Atto Dock	orney set No.	183788		filed on even date herewith or as	
(12)	Alternative	(12) U.S. Application Number 16/212,563					
	Identification for			***************************************	***************************************		
	filed applications	filed	Decer	nber 6, 2018			
	1) Each undersigned	lagree	s to execu	ite all papers nec	essary in o	connection with any application	

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Noverber 30, 2015	Inventor Signature	Kazuhiro MATSUI	(SEAL
Date		Inventor Signature	Naoki MORI	(SEAL
Date		Inventor Signature		(SEAL
Date		Inventor Signature		(SEAL.
Date		Inventor Signature		(SEAL
Date		Inventor Signature		(SEAL
Date	>	Inventor Signature		(SEAL.
Date		Inventor Signature	÷	(SEAL.
			fore: (a) a Notary Public if within tould be signed before at least two	
Date	November 30, 2018	Witness	Ayala Motsul	

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Kazuhiro	MATSUI	(2)	Naoki MORI
(8~1)	Legal Name(s)	(3)			(4)	
	of Inventor(s)	(\$)			(6)	
		(7)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(8)	
		consideration which	deration p rare herel	aid to each of t	the undersigned, each und	\$1.00) and other good and valuable ned, the receipt and sufficiency of lersigned agrees to assign, and
(9)	Insert Name of Assignee	(9)	OMRON	HEALTHCA	RE CO., LT	D.
(10)	Insert Address of Assignee	(10)	53, Kur	otsubo, Terad	o-cho, Muke	o-shi, Kyoto 617-0002, JAPAN
(11)	Insert	Unite all ap divisi all Le	d States of plications on al, communitiers Pate inted on t	of America as defect for patent including inter- tinuation, inter- nt, extensions, he invention kn	efined in 35 uding any ar national, sub reissues and nown as	e right, title and interest for the U.S.C. §100, in the invention, and in id all provisional, non-provisional, stitute and reissue application(s), and reexamination certificates that may VE MEASUREMENT
• • • •	Identification such as Title,	*	APPAR	ATUS	•••••••	
	Case Number, or Foreign Application Number	(Atto Dock	rney et No.	183788),	filed on even date herewith or as
(12)	Alternative	(12) Numi	U.S. Appi ber		/212,563	
	Identification for filed applications	filed		mber 6, 2018		
			*****	***************************************	***************************************	managa da

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature		(SEAL
			Kazuhiro MATSUI	
I)ate	November 26,2018	Inventor Signature	Nadki MORI	(SEAL.
Date		Inventor Signature		(SEAL
Date		Inventor Signature	4	(SEAL)
Date		Inventor Signature		(SEAL.
Date		Inventor Signature		(SEAL
Date		Inventor Signature		(SEAL:
Date	<u></u>	Inventor Signature		(SEAL)
U.S. C			ore: (a) a Notary Public if within the ould be signed before at least two wi	
Date	November 26, 2018	Witness	Ayake Matsui	