505278532 01/15/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASAHIRO TANIKAWA	11/28/2018
HIDENOBU AKIHAMA	11/28/2018

RECEIVING PARTY DATA

Name:	NIPRO CORPORATION	
Street Address:	3-9-3, HONJO-NISHI, KITA-KU	
City:	OSAKA-SHI, OSAKA	
State/Country:	JAPAN	
Postal Code:	531-8510	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16317894

CORRESPONDENCE DATA

Fax Number: (503)595-7301

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ALLEMAN HALL CREASMAN & TUTTLE LLP

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ATTORNEY DOCKET NUMBER: ACO18369PCTUS		
NAME OF SUBMITTER:	SAORI GRIGONIS	
SIGNATURE:	/Saori Grigonis/	
DATE SIGNED:	01/15/2019	

Total Attachments: 2

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PATENT 505278532 REEL: 048007 FRAME: 0462

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	SUPPORT CATHETER	
Invention: As the below name:	l d inventor, 1 hereby declare that:	
Lifte paren Mighton to Louis ten	K SEA MEEDINE & A STORY OF WATHOUS A KERMAN	
This declaration is directed to:	The attached application, or	
	United States application or PCT international application number PCT/IP2017/025745	
	filed on <u>July 14, 2017</u> ;	
The above-Identified	d application was made or authorized to be made by me.	
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.	
I sutharize the attor	neys and agents associated with Customer Number 145327 to insert the filing date, application number,	
	neys and agents associated with costonies wonder 14-5527 to insert are ning date, approached number, the above identified application when known.	
COS (MA COMPANY SOME OF MARKETS AND	EDMERRORE OF BIEN March or torottores on agriphenometric actions and the company	
I hereby acknowledg	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by	
	t of not more than five (5) years, or both.	
•	CORPORATION, ("ASSIGNEE"), a Japanese corporation, having its principal place of business at 3-9-3,	
	Osaka-shi, Osaka 531-8510 Japan, is desirous of acquiring an interest therein;	
	for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I	
· · · · · · · · · · · · · · · · · · ·	and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive	
-	fentified invention in the United States and its territorial possessions and in all foreign countries, and	
	and interest in and to any and all Letters Patent which may be granted therefor in the United States	
and its territorial pos and extensions there	ssessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and	
	or. 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 entire right, title and interest in and		
_	sole use of the ASSIGNEE, its successors and assigns.	
	nat I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said	
· -	in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal	
•	ons, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to	
	ightful paths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain	
-	protection for said invention in the United States and in any and all foreign countries.	
LEGAL NAME OF INVI	INTOR	
Inventor: Masahir	O TANKAWA Date: November > P, > 0/8	
Signature: Mondono Tunil cana		
WE CHECK CO.		
M	ATTY DOCKET NO.: ACO18369PCTUS	

PATENT REEL: 048007 FRAME: 0463

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	SUPPORT CATHETER
Invention:	
As the below named	Inventor, I hereby declare that:
This declaration is directed to:	The attached application, or
	United States application or PCT international application number PCT/JP2017/025745 filed on July 14, 2017
The above-identifier	d application was made or authorized to be made by me.
I believe that I am th	re original inventor or an original joint inventor of a claimed invention in the application.
	neys and agents associated with Customer Number 145327 to insert the filing date, application number, number of the above identified application when known.
	te that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by t of not more than five (5) years, or both.
Honjo-nishi, Kita-ku, NOW, THEREFOR, have sold, assigned, a right to the above-id the entire right, title and its territorial pos and extensions there I hereby authorize any and all of said Le to the same, for the same, for the same, and testify and reissue application.	and request the Patent Office officials in the United States and any and all foreign countries to issue inters Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and sole use of the ASSIGNEE, its successors and assigns. Let I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal ons, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to ghtful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain rotection for said invention in the United States and in any and all foreign countries.
Inventor: Hidenob	u AKIHAMA Date: November 2P, 20/8
Signature:/_[[d	enobu Attihama
***************************************	ATTY BOCKET NO - ACO19369ECT IS

PATENT REEL: 048007 FRAME: 0464

RECORDED: 01/15/2019