# 502560476 11/06/2013

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

## **CONVEYING PARTY DATA**

Name	Execution Date
RYUTAKU KANEYAMA	10/23/2013
KOUICHI KURAMOTO	10/15/2013
KEITAROU YAMAMOTO	10/10/2013
DAISUKE MARUYAMA	10/10/2013

## **RECEIVING PARTY DATA**

Name:	NAKASHIMA MEDICAL CO., LTD.				
Street Address:	688-1, JODOUKITAGATA, HIGASHI-KU				
City:	OKAYAMA-SHI, OKAYAMA-KEN				
State/Country:	JAPAN				
Postal Code: 709-0625					

Name:	RYUTAKU KANEYAMA				
Street Address:	3-16-1, JOZAIHIGASHI				
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State/Country:	State/Country: JAPAN				
Postal Code: 292-0806					

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14001038

## **CORRESPONDENCE DATA**

502560476

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**PATENT** 

REEL: 031557 FRAME: 0877

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NAME OF SUBMITTER:	TROY M. SCHMELZER				
Signature:	/tms/				
Date:	11/06/2013				
Total Attachments: 3 source=Assignment-14001038-PCT-JP2011-074889#page1.tif source=Assignment-14001038-PCT-JP2011-074889#page2.tif source=Assignment-14001038-PCT-JP2011-074889#page3.tif					

PATENT REEL: 031557 FRAME: 0878

## ASSIGNMENT

					16 to			
(1-8)	Name(s) of Inventor(s)	(1) (2)	Ryutaku Kaneyama Kouichi Kuramoto	(3) (4)	Keitarou Yamamoto Daisuke Maruyama			
				•				
			In consideration of the good the undersigned agree(s) to	and valuable cons assign, and hereby	siderations paid to each of the undersigned y does assign, transfer and set over to			
(9).	Name of Assignee	(9)	NAKASHIMA MEDICAL CO., Ryutaku Kaneyama	LTD., and				
(10)	State of Incorporation of Assi	gnee (10)	Japan					
(11)	Address of Assignee	(11)	of 688-1, Jodoukitagata, Higash and 3-16-1, Jozaihigashi, Kisaraz respectively,	•	i, Okayama-ken 709-0625 Japan, 192-0806 Japan <sub>.</sub>			
			(hereinafter designated as the invention known as	e Assignee) the er	ntire worldwide right, title and interest in the			
(12)	Identification of Invention, sud Title, Case Number or Foreig Application Number	// do \ '	s) SURGICAL INSTRUMENT USED IN ARTIFICIAL KNEE JOINT REPLACEMENT SURGERY (PCT/JP2011/074889 of October 21, 2011)					
	Application Number				an application for patent in the United n foreign countries corresponding thereto			
(13)	Date(s) of Signing of Declara	tion (13)	on					
applica concer and go with cl patent United the en	ations as the Assignee may de  2) The undersigned agrining this application or continuing forward with such interfere  3) The undersigned agrialms or provisions of the Interr  4) The undersigned agrito the Assignee.  5) The undersigned here  States resulting from said applice interest, and hereby covernot executed any agreement in	em necessary of ree(s) to executation or division ence.  ee(s) to execut the individual convertee(s) to perform ee(s) to perform eby authorize(s) blication or any trans that he had conflict herew	or expedient.  In the all papers necessary in a sum of the reof and to cooperate with the reof and to cooperate with the reof protection of Industrial and affirmative acts which must be an all affirmative acts which must be an arrow of the commission or divisions or continuits (they have) full right to converge and papers.	connection with a th the Assignee in and perform any a Property or similar ay be necessary sioner of Patents to ing applications the	to obtain a grant of a valid United States to issue any and all Letters Patents of the ereof to the said Assignee, as Assignee of est herein assigned, and that he has (they			
the po	wer to insert on this assignme	ent any further i	dentification which may be ne	cessary or desiral	ble in order to comply with the rules of the			
	. 2 \ \ 7	Signature of Inv		山童	3R			
Date:		Signature of Inv	entor 2					
Date:		Signature of Inv	entor 3					
Date:	8	Signature of Inv	entor 4		· · · · · · · · · · · · · · · · · · ·			
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# ASSIGNMENT

(1-8)	Name(s) of Inventor(s)	(1) (2)	Ryutaku Kaneyama Kouichi Kuramoto	(3) (4)	Keitarou Yamamoto Daisuke Maruyama
•		±°.	In consideration of the the undersigned agree	good and valuable cons (s) to assign, and hereby	iderations paid to each of the undersigned does assign, transfer and set over to
(9)	Name of Assignee	(9)	NAKASHIMA MEDICAL Ryutaku Kaneyama	. CO., LTD., and	
(10)	State of Incorporation of Assi	gnee (10)	Japan	-1	
(11)	Address of Assignee	(11)	688-1, Jodoukitagata, I and 3-16-1, Jozaihigashi, K respectively,	isarazu-shi, Chiba-ken 2	i, Okayama-ken 709-0625 Japan, 92-0806 Japan ntire worldwide right, title and interest in the
(12)	Identification of Invention, suc Title, Case Number or Foreig Application Number	SI 03	REPLACEMENT SURC (PCT/JP2011/074889 of for which the undersign	of October 21, 2011) ned has (have) executed	AL KNEE JOINT  an application for patent in the United on foreign countries corresponding thereto
(13)	Date(s) of Signing of Declara	tion (13)	on	·	
application concertant go with class patent United the enhance)	States and foreign application at the Assignee may de 2) The undersigned agrining this application or continuing forward with such interfere 3) The undersigned agraims or provisions of the Interfere 4) The undersigned agrato the Assignee.  5) The undersigned here I States resulting from said applier interest, and hereby cover not executed any agreement in 6) The undersigned here	ns for the abovem necessary of ree(s) to execution or division ence. ee(s) to executionational Convertee(s) to perform eby authorize(s) dication or any nants that he had conflict hereweby appoints the	re-identified invention are repedient.  ute all papers necessate on thereof and to cooper the all papers and documention for Protection of Independent all affirmative acts which are the control of the	ry in connection with a rate with the Assignee in tents and perform any a lustrial Property or similarich may be necessary remnissioner of Patents to ontinuing applications the convey the entire interest.    October 1	to obtain a grant of a valid United States to issue any and all Letters Patents of the ereof to the said Assignee, as Assignee of est herein assigned, and that he has (they
the po United	wer to insert on this assignme I States Patent and Trademark	ent any further i COffice for reco	dentification which may rdation of this document	be necessary or desiral	ole in order to comply with the rules of the
Date:		Signature of Inv			
Date:	15.10.2013	Signature of Inv	rentor 2 Koic	hi Eura	molo
Date:		Signature of Inv	rentor 3		
Date:	{	Signature of Inv	rentor 4		
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PATENT REEL: 031557 FRAME: 0880

### **ASSIGNMENT**

(1-8)	Name(s) of Inventor(s)	(1) (2)	Ryutaku Kaneyama Kouichi Kuramoto		(3) (4)	Keitarou Yamamoto Daisuke Maruyama	
	In consideration of the good and valuable considerations paid to each of the undersigne the undersigned agree(s) to assign, and hereby does assign, transfer and set over to						
(9)	Name of Assignee	(9)	NAKASHIMA MEDICAL CO., LTD., and Ryutaku Kaneyama				
(10)	State of Incorporation of Assig	nee (10)	Japan	ļ			
(11)	Address of Assignee	(11)	of 688-1, Jodoukitagata, Higashi-ku, Okayama-shi, Okayama-ken 709-0625 Japan, and 3-16-1, Jozaihigashi, Kisarazu-shi, Chiba-ken 292-0806 Japan respectively, (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as				
(12)	Identification of Invention, suc Title, Case Number or Foreign Application Number	11 02	SURGICAL INSTRUMENT USED IN ARTIFICIAL KNEE JOINT REPLACEMENT SURGERY (PCT/JP2011/074889 of October 21, 2011) for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.				
(13)	Date(s) of Signing of Declarat	ion (13)	on				
1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.  2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.  3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.  5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.  6) The undersigned hereby appoints the persons associated with Customer Number:							
the power to insert on this assignment any further identification which 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.							
Date:	8	Signature of In	ventor 1				
Date:		Signature of In	ventor 2				
Date:	10.10,20/3	Signature of In	ventor 3 <u> </u>	no Jame	ani	000	
Date:	Date: 10, 10, 20/3 Signature of Inventor 3 Cei Taro Comamo to  Date: 10, 10, 20/3 Signature of Inventor 4 Daisuke Maruyama						
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**RECORDED: 11/06/2013**