## PATENT ASSIGNMENT COVER SHEET

# Electronic Version v1.1 Stylesheet Version v1.2

### EPAS ID: PAT2573106

SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
		N	ame	Execution Date				
SHUNSUKE KIKUCHI				07/12/2013				
RECEIVING PARTY DATA								
Name:	NIPPON THO	N CO., LTD.						
Street Address:	19-19, TAKA	NAWA	2-CHOME, MINATO-KU					
City:	ΤΟΚΥΟ							
State/Country:	JAPAN							
PROPERTY NUMBERS Total: 1								
Property Ty	pe		Number					
Application Number: 13760			613					
CORRESPONDENCE DATA Fax Number: (202)393-1012								
Fax Number:	(202	0393-1	012					
Fax Number:(202)393-1012Phone:202-628-5197								
Email:	mich	naels@	browdyneimark.com					
			hen the email attempt is unsuccessful.					
Correspondent Name:			AND NEIMARK, PLLC					
Address Line 1:								
Address Line 2: SUITE 1100   Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006								
ATTORNEY DOCKET NUMBER:			киксні13					
NAME OF SUBMITTER:			ROGER L BROWDY					
Signature:			/db/					
Date:			10/10/2013					
Total Attachments: 1								
source=assignment#pa	source=assignment#page1.tif PATENT							
502527863			REEL:	031380 FRAME: 0693				

KIKUCHI 13 IKO-5659USA

#### ASSIGNMENT

		ADDIVITEIVI
(1-5)	Insert Name(s) of Inventors	(1) Shunsuke KIKUCHI
		(2)
		(3)
		(4)
		(5)
		In consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations paid to each of the undersigned, the receipt of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, and set over to
(6)	Insert Name of Assignee	(6) <u>NIPPON THOMPSON CO., LTD.</u>
(7)	Insert Address of Assignee	(7) <u>19-19, Takanawa 2-chome, Minato-ku, Tokyo, Japan</u>
		(hereinafter designated as the Assignee) the entire right, title and interest owned by the undersigned for the United States, its territories, dependencies and possessions, in the invention known as
(8)	Insert Identification of Invention,	(8) <u>TURNING BEARING WITH LOADING HOLE FOR</u>
	such as Title, Case Number or Foreign Application Number	INTRODUCTION OF SEPARATOR WITH ROLLER
		for which the undersigned has filed or will file an international PCT application designating the U.S., or a non-provisional application for patent in the United States of America
(9)	Insert Date of Signing of Application	(9) on
(10)	Alternative Identification for Filed Applications	(10) U.S. [or PCT] Application Number <u>13/760,613</u>
	jor i new appreciations	filed February 6, 2013
		and each of the undersigned also agrees to assign, and hereby does assign, transfer and set over to said assignee said international or non-provisional application for patent and any original and reissued Letters Patent of the United States granted for said invention and any national states

and each of the undersigned also agrees to assign, and hereby does assign, transfer and set over to said assignee said international or non-provisional application for patent and any original and reissued Letters Patent of the United States granted for said invention and any national stages, divisions, reissues, continuations and extensions thereof and in and to any original and reissued Letters Patent that may be granted thereon, including the subject matter of any and all claims which may be obtained in every such patent.

1) Each of the undersigned agrees to execute all papers in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignce in every way possible in obtaining evidence and going forward with such interference.

3) Each of the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) Each of the undersigned agrees to communicate to the Assignee or representatives thereof any facts known to him or her respecting the invention and improvements thereof, and will, upon request, but without expense to him or her, testify in any legal proceedings regarding the invention.

5) Each of the undersigned hereby authorizes and requests 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 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 in conflict herewith.

6) Each of the undersigned hereby grants the firm of Browdy and Neimark 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 Office for recordation of this document. The undersigned further authorizes and requests the firm of Browdy and Neimark, PLLC, to make corrections of typographical or clerical errors in the name and/or address of the Assignee(s) or to update or otherwise correct the address of the Assignee(s).

7) This Assignment shall be binding upon the heirs, executors, administrators, and/or assigns of each of the undersigned, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by each of the undersigned on the date opposite the name of the undersigned.  $\sigma h$   $\sigma h$   $\sigma h$ 

(1)	Date	7/12/2013	Signature of Inventor	Shunsuke	Hikuchi	
(2)	Date		Signature of Inventor			
(3)	Date		Signature of Inventor			
(4)	Date		Signature of Inventor			
(5)	Date		Signature of Inventor		······································	

[If inventors are in the U.S., it is preferable (but not required) that their signatures be notarized. If the inventors are abroad, it is also preferable (but not required that the signatures be notarized; however, the signatures must also be legalized.]

#### **RECORDED: 10/10/2013**

### PATENT REEL: 031380 FRAME: 0694