PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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KUNIAKI NAKANO	01/14/2015
HIROSHI KUBOTA	01/14/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14416161	

CORRESPONDENCE DATA

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SIGNATURE:	/Mark D. Saralino/
DATE SIGNED:	01/21/2015

Total Attachments: 3

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PATENT 503144922 REEL: 034776 FRAME: 0103

RENNER OTTO (SHAF	RP)		PATENT (US)	
COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76) (ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)				
Title: IMAGE FORM	/ING APPARATUS			
	I. DECLAR	RATION		
As a below named inve	ntor or joint inventor, I hereby de	clare that:		
This declaration is direct	ted to:	U.S. Appli	cation No. 14/416,161	
(a) the attached	application, or	Filing Date	e 21 January 2015	
(b) × United State filed on 1	s application or PCT internations 7/07/2013	al application number	PCT/JP2013/069420	
The above-identified ap	plication was made or authorized	d by me.		
I believe that I am the o	riginal inventor or an original join	t inventor of a claimed i	nvention in the application.	
I hereby state that I hav	e reviewed and understand the c	contents of the above-ic	lentified application,	
I hereby acknowledge to me to be material to pat	ne duty to disclose to the U.S. Pe entability as defined in 37 C.F.R	atent and Trademark O . §1.56.	ffice all information known to	
I hereby acknowledge t 1001 by fine or imprisor	hat any willful false statement m iment of not more than five (5) ye	ade in this declaration ears, or both.	is punishable under 18 USC	
	PRIORITY	CLAIM		
for patent or inventor's other than the United St for patent or inventor's	riority benefits under Title 35, Un certificate or of any PCT internat ates of America listed below and certificate or any PCT internation ates of America filed by me on the which priority is claimed.	tional application(s) des have also identified bel onal application(s) desi	ignating at least one country ow any foreign application(s) gnating at least one country	
(c) no such app	lication have been filed.			
(d) × such applica	tions have been filed as follows.			
EARLIES	T FOREIGN APPLICATION(S), MONTHS FOR DESIGN) PRIOR	IF ANY FILED WITHIN		
•	•	DATE OF FILING	PRIORITY CLAIMED	
COUNTRY	APPLICATION NUMBER	(day, month, year)	UNDER 35 USC §119	
Japan Japan	2012-163952 2012-163953	24/07/2012 24/07/2012		

09/01/2012

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaike-cho Abeno-ku, Osaka-shi Osaka, Japan 545-8522

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s):

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

09/01/2012

Full Name of Sole or First Inventor and Assignor: KURIMOTO, Naoaki				
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Inventor's signature:	Kupota Hivoshi		Date:	January 14, 2015
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CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT Signature for sixth and subsequent joint inventors and assignors; number of pages added Added page to this combined declaration and assignment for divisional, continuation, or continuation-in-part (CIP) application.				
This combined declaration and assignment ends with this page.				

09/01/2012