502445526 08/05/2013

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
Sayaka MIZUTANI	05/10/2013		
Takayasu SADO	05/10/2013		
Hiroki ISHIDA	05/10/2013		

RECEIVING PARTY DATA

Name:	DEMITSU KOSAN CO., LTD.			
Street Address:	1-1, Marunouchi 3-chome, Chiyoda-ku			
City:	Tokyo			
State/Country:	Japan			
Postal Code:	100-8321			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13982879

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	413556US99PCT
NAME OF SUBMITTER:	Adel Samuel
Signature:	/Adel Samuel/
Date:	08/05/2013

Total Attachments: 2

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PATENT REEL: 030940 FRAME: 0216 OF \$40.00 13982879

DOCKET NO.: 413556US99PCT

Assignment of Application

NSERT NAMES	WHEREAS, I (W	E) <u>1.) Sayaka MIZUT</u> A	ANI						
ND RESIDENCE DDRESS OF HE INVENTORS:		2.) Takayasu SADO	<u>) </u>						
		3.) Hiroki ISHIDA	all of:				-	•	
	1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 Japan								
		-							

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	have invented cer	tain new and useful imp	arovements in: 1	JITRA(SENATE:	D HET	EDUCACI.	IC DEDIVATI	VE
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						21	2012		
	(Application No.	13/982,879	,	шеа —	bury	31,	2013), and
	WHEREAS,	IDEMITSU KOSAN	CO., LTD.						
ISERT NAME ND ADDRESS OF OMPANY OR	(hæainafter refer	ed to as "ASSIGNEE") having a place	of hygin	ogg et 1	1 1/~	nmanahi 2 ai	hama Chiasada	. les T-1
THER ASSIGNEE	100-8321 Japan	is desirous of acquiring	the entire right	t, title a	nd interes	i, iviai st in ai	nd to said in	vention and in	and to any
		at may be greated there							

foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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:	MAY. 1 O. 2013	Sayaka Mzutomi				
		(Signature of Inventor)	Sayaka MIZUTANI			
Date:	MAY. 1 O. 2013	Takayası	Sodo			
_		(Signature of Inventor)	Takayasu SADO			
Date:	MAY. 1 O. 2013	Hinki	Ishida			
		(Signature of Inventor)	Hiroki ISHIDA			
Date:						
		(Signature of Inventor)				
Date:						
		(Signature of Inventor)				
Date:						
•		(Signature of Inventor)				

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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PATENT REEL: 030940 FRAME: 0218

RECORDED: 08/05/2013