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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kazuyuki OHMORI	06/06/2013
Tatsuya SUNAMOTO	06/06/2013

RECEIVING PARTY DATA

Name:	KURARAY CO., LTD.
Street Address:	1621, Sakazu
City:	Kurashiki-shi, Okayama
State/Country:	JAPAN
Postal Code:	710-0801

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	13997883		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	417568US99PCT
NAME OF SUBMITTER:	Adel Samuel
Signature:	/Adel Samuel/
Date:	07/01/2013

Total Attachments: 2

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PATENT REEL: 030717 FRAME: 0735

Assignment of Application

WHEREAS, I (WE)	Kazuyuki OHN	MORI of EHI	ME, J	APA	N		
	Tatsuya SUNA	AMOTO of E	HIME	, JAF	PAN		
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							_ , respectively
	in new and useful improve	ements in: CIR	CUIT	BOA	RD ANI) METHOD	OF
MANUFACTUI							
(Application No	13/997,883	, filed	June	25,	2013), and
WHEREAS,	KURARAY CC						
(hereinafter referr	ed to as "ASSIGNEES")	having places of	business	at:	1621, S	akazu, Kur	ashiki-shi,
	[A 710-0801 JAPA]						irous of jointly
	in the entire right, title and e in the United States and		said inv	ention	and in and	to any Letters	Patent that may
NOW THE	REFORE in consideration	n of the gum of l	enve no	TTAD	ር (ተ ደ በሰነ	41	

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 ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries 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 ASSIGNEES as the assignees of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEES or their 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 Letter Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: _	June	06,	2013	Kazuyuki	OHMORI
				(Signature of Inventor)	
Date: _	June	06,	2013	Tatsiya	Suna inoto
				(Signature of Inventor)	· · · · · · · · · · · · · · · · · · ·
Date: _					
				(Signature of Inventor)	
Date:					
				(Signature of Inventor)	
Date: _					
				(Signature of Inventor)	
Date: _					
				(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

PATENT REEL: 030717 FRAME: 0737