501762879 12/20/2011

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

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Amane MAJIMA	08/29/2011
Toshiyuki NAKANO	08/29/2011
Yoshihiko HIRANO	08/29/2011
Akira SHIMAMURA	08/29/2011
Yoshikazu HOSHINA	09/05/2011

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13325106

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ATTORNEY DOCKET NUMBER:	389499US2CIP
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PATENT

REEL: 027420 FRAME: 0073

P \$40.00 13325106

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NAME OF SUBMITTER:	Anna Fowler
Total Attachments: 2 source=389499USassignm#page1.tif source=389499USassignm#page2.tif	

PATENT REEL: 027420 FRAME: 0074

Assignment of Application

DISERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

ERT NAMES	WHEREAS, I (WE	Toshiyuki UCHII of Kanagawa	, Japan			
dresidence dress of		Amane MAJIMA of Kanagawa,	, Japan			
E INVENTORS:		Toshiyuki NAKANO of Kanaga	awa, Japan			
	Yoshihiko HIRANO of Tokyo, Japan					
		Akira SHIMAMURA of Kanag	awa, Japan			
		Yoshikazu HOSHINA of Kanag	gawa, Japan			~_
					~	
					· · · · · · · · · · · · · · · · · · ·	
						, respectively,
	1	tain new and useful improvements	in GARINI	ממא אמוויא זווי	ARATUS	
SERT TITLE OP VENTION:	nave invented cer	tain new and userui improvements	III. OAS IIV.	OLAHON ALL	***************************************	
	(Application No.	13/325,106	, filed	December	14, 2011), and
	WHEREAS,	Kabushiki Kaisha Toshiba				
ISERT NAME NO ADDRESS OF OMPANY OR	(hereinafter refer	red to as "ASSIGNEES") having	places of bu	siness at: 1-1, Sh	ibaura 1-chome, N	Ainato-ku, Tokyo,

Japan, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all 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 ASSIGNRES, 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: August 23, 2011

Date: August 29, 2011

Date: September 5, 2011

Signature of Inventor)

Date: September 5, 2011

Signature of Inventor)

Signature of Inventor)

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Akira Shimamura

Signature of Inventor)

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