PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Yoshihisa KAWAMURA	08/30/2010
Eishi SHIOBARA	09/01/2010
Shinichi ITO	08/30/2010

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
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State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12878828	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 05225.0649

NAME OF SUBMITTER: Sopheareak C. In

Total Attachments: 1

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PATENT REEL: 024969 FRAME: 0523

ASSIGNMENT

WHEREAS IMe,	, the below named in	ventor(s), hereinafte	r referred to as A	ssignor(s), have m	ade an invention	entitled:
PATTERN FORM		• • •				

for which I/WE executed an application for United	States Letters Patent concur	rently herewith or filed an application for
United States Letters Patent on ,	(Application No.); and
WHEREAS, Kabushiki Kaisha Toshiba		
a corporation of Tokyo, Japan		
whose post office address is 1-1, Shibaura 1-	chome, Minato-ku, Tokyo, Ja	apan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this Invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, IWE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known. (App. No. 12/878,828, filed September 9, 2010)

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

FULL NAME OF SOLE OR FIRST ASSIGNOR Yoshihisa KAWAMURA	ASSIGNOR'S SIGNATURE Yorkhisa Kawamura	DATE Aug 30 , 2010
ADDRESS c/o Intellectual Property Division, Toshiba Corporation	on, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan	CITĬZENSHIP Japan
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Eishi SHIOBARA	ASSIGNOR'S SIGNATURE EIGHL MAWBARC	Sep. 1, 2010
ADDRESS c/o Intellectual Property Division, Toshiba Corporatio	CITİZENSHIP Japan	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Shinlehi ITO	ASSIGNOR'S SIGNATURE	DATE Aug. 30, 20/0
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