

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Atsushi KOBAYASHI		01/25/2007
Hiroshi TAKEI		01/25/2007
RECEIVING PARTY DATA		
Name:	Kabushiki Kaisha Toshiba	
Street Address:	1-1 Shibaura 1-chome	
City:	Minato-ku, Tokyo	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	29279838	
CORRESPONDENCE DATA		
Fax Number:	(202)824-3001	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	202-824-3000	
Email:	ekline@bannerwitcoff.com	
Correspondent Name:	David R. Gerk	
Address Line 1:	1100 13th Street N.W.	
Address Line 2:	Suite 1200	
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005-4051	
ATTORNEY DOCKET NUMBER:	005341.00192	
NAME OF SUBMITTER:	David R. Gerk	
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ASSIGNMENT

WHEREAS, we, Atsushi KOBAYASHI and Hiroshi TAKEI, citizens of Japan, residing at Tokyo, Japan; Tokyo, Japan, respectively have invented a "PORTION OF A PRINTED CIRCUIT BOARD" for which an application for a Patent of the United States was executed on even date herewith; and

WHEREAS, Kabushiki Kaisha Toshiba, a corporation of Japan, having a place of business at 1-1 Shibaura 1-chome, Minato-ku, Tokyo, Japan hereinafter the Assignee, is desirous of confirming that it has already been assigned, or, if not already assigned, is desirous of acquiring the entire worldwide legal and beneficial right, title and interest in and to the aforesaid invention, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention, including the right to claim priority of the respective United States Patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the aforesaid Atsushi KOBAYASHI and Hiroshi TAKEI by these presents do confirm that we did sell, assign and transfer or, if not already done so, do sell, assign and transfer unto Kabushiki Kaisha Toshiba, its successors, legal representatives and assigns, the full, exclusive and worldwide right in and to said invention as described in said application, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention and in and to any and all divisions, reissues, continuations, extensions and renewals thereof, including the right to claim priority of the respective United States Patent application;

AND WE HEREBY agree that the said Assignee may apply for and receive Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world for said invention in its own name, we further authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to record this assignment and issue all said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof to said Assignee;

AND WE HEREBY warrant and covenant that we either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer;

AND WE HEREBY warrant and covenant that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, sign all lawful documents which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for said invention and to testify in any judicial or administrative proceeding and generally do everything possible to aid said Assignee or any assignee of said Assignee to obtain and enforce said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof worldwide when requested so to do by said Assignee or any assignee of said Assignee.

IN WITNESS WHEREOF, we have hereunto set our hand and seal this 25th day of January, 2007.

Atsushi Kobayashi

Atsushi KOBAYASHI

Hiroshi Takei

Hiroshi TAKEI

WITNESSES:

Akino Tachibana