

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kousuke YONETA</td> <td>02/09/2012</td> </tr> <tr> <td>Yasushi FUKUOKA</td> <td>02/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kousuke YONETA	02/09/2012	Yasushi FUKUOKA	02/09/2012
Name	Execution Date						
Kousuke YONETA	02/09/2012						
Yasushi FUKUOKA	02/09/2012						
RECEIVING PARTY DATA							
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State/Country:	JAPAN						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29419355</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29419355		
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Application Number:	29419355						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	005341.00295						
NAME OF SUBMITTER:	Matthew J. Kohner						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

CH \$40.00 29419355

ASSIGNMENT

WHEREAS, we, Kousuke YONETA and Yasushi FUKUOKA, citizen of Japan, residing at Tokyo, Japan; Tokyo, Japan, hereinafter (collectively) referred to as the Assignors, have invented certain new and useful improvements in

RECORDING MEDIUM

for which an application for Letters Patent of the United States has been prepared,

- the Declaration for said application executed on even date herewith;
- said application having been filed in the United States Patent and Trademark Office on 04/27/12 and accorded Serial Number 29/419,355 and was amended on _____ (if applicable);
- said application having been filed under the Patent Cooperation Treaty on _____ and accorded Application No. _____, the United States of America being designated;

WHEREAS, Kabushiki Kaisha Toshiba, a Japanese corporation, having a business address at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States which may be granted therefor;

NOW THEREFORE, for good and valuable consideration the Assignors by these presents do sell, assign, and transfer unto the Assignee, its successors, legal representatives and assigns, the full and exclusive right to the invention as described in said application, 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 and to any and all divisions, reissues, continuations and extensions thereof;

AND said Assignors authorize and request the Commissioner of Patents and Trademarks to issue all said Letters Patent to said Assignee;

AND said Assignors warrant and covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND said Assignors agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue and foreign applications, sign all lawful documents and make all rightful oaths relating to said invention, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States when requested so to do by said Assignee.

AND the undersigned hereby grant the firm of Banner & Witcoff, LTD the power to insert on this assignment any further identification 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

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

Date: Feb 9. 2012.

Signature: 米田 浩介
Kousuke YONETA

Date: Feb 9. 2012

Signature: 福岡 寧
Yasushi FUKUOKA