## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Kohichi KUBO	09/27/2010
Chikayoshi KAMATA	09/27/2010
Takayuki TSUKAMOTO	09/29/2010
Shinya AOKI	09/27/2010
Takahiro HIRAI	09/27/2010
Tsukasa NAKAI	09/27/2010
Toshiro HIRAOKA	10/04/2010

## **RECEIVING PARTY DATA**

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Street Address:	1-1, Shibaura 1-chome, Minato-ku	
City:	Tokyo	
State/Country:	JAPAN	

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12886254

## **CORRESPONDENCE DATA**

(703)413-2220 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (703) 413-3000 Email: mkassaye@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	367648US-252330-39-2-RD C	
NAME OF SUBMITTER:	Mesfin Kassaye	
	PATENT	

501333321 REEL: 025207 FRAME: 0664

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Page 1 of 2

P. 007

13G046374-USA-A

# **Assignment of Application**

HYUGAJI&Associates

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE	1) Kohichi KUBO
	2) Chikayoshi KAMATA
	3) Takayuki TSUKAMOTO
	4) Shinya AOKI
	5) Takahiro HIRAI
	6) Tsukasa NAKAI
	7) Toshiro HIRAOKA
	of:
	1) Kanagawa-ken, Japan
	2) Kanagawa-ken, Japan
	3) Kanagawa-ken, Japan
	4) Kanagawa-ken, Japan
	5) Kanagawa-ken, Japan
	6) Tokyo, Japan
	7) Kanagawa-ken, Japan
	, respectively
have invented cert	ain new and useful improvements in: "INFORMATION RECORDING AND REPRODUCING
(Application No.	12/886.254 , filed <u>September 20, 2010</u> ), and
WHEREAS,	Kabushiki Kaisha Toshiba

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring 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 ASSIGNEE, 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 ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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.

2010/10/20/水 16:14 HYUGAJI&Associates FAX番号: 045-226-2366 P. 008

Page 2 of 2

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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, P.C. 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: Sep. 27. 2010	Kohich	i Ruboi	
	(Signature of Inventor)	Kohichi KUBO	
Date:			_
	(Signature of Inventor)	Chikayoshi KAMATA	
Date:			
	(Signature of Inventor)	Takayuki TSUKAMOTO	
Date:			
	(Signature of Inventor)	Shinya AOKI	
Date:			
	(Signature of Inventor)	Takahiro HIRAI	
Date:			_
	(Signature of Inventor)	Tsukasa NAKAI	
Date:			
	(Signature of Inventor)	Toshiro HIRAOKA	
Date:	(Ciananica of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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Page 1 of 2

13G046374-USA-A

# **Assignment of Application**

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WHEREAS, I (WE)	1) Kohichi KUBO
	2) Chikayoshi KAMATA
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Date:			
_		(Signature of Inventor)	Kohichi KUBO
Dato:	Sep. 27, 2010	Chiha	yoshi Kamata Chikayoshi KAMATA
•		(Signature of Inventor)	Chikayoshi KAMATA
Date:			
_		(Signature of Inventor)	Takayuki TŞUKAMOTO
Date:			
•		(Signature of Inventor)	Shinya AOKI
Date:			
•		(Signature of Inventor)	Takahiro HLRAI
Date:			
<b>-</b>		(Signature of Inventor)	Tsukasa NAKAI
Date:			
		(Signature of Inventor)	Toshiro HIRAOKA
Date:			
,		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Page 1 of 2

13G046374-USA-A

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INSPRIENT NAMES AND RESIDENCE
AIDDRESS OF
THE INVENTORS

WHEREAS, I (WE	) 1) Kohichi KUBO		
	2) Chikayoshi KAMATA		
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Date:	
	(Signature of Inventor) Kohichi KUBO
Date:	
	(Signature of Inventor) Chikayoshi KAMATA
Date: Sep 39, 2010	(Signature of Inventor) Takayuki TSUKAMOTO
, v	(Signature of Inventor) Takayuki TSUKAMOTO
Date: Sep. 27, 20/0	Shinya aoki (Signature of Inventor) Shinya AOKI
	(Signature of Inventor) Shinya AOKI
Date: Sep. 27, 2010	Fapahiro Hirai
_ (	(Signature of Inventor) Takahiro HIRAI
Date: Sep. 29, 20/0	Tsukasa Nakai
	(Signature of Inventor) Tsukasa NAKAI
Date:	
	(Signature of Inventor) Toshiro HIRAOKA
Date:	
	(Signature of Inventor)

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Page 1 of 2

13G046374-USA-A

# **Assignment of Application**

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Page 2 of 2

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Date:				
		(Signature of Inventor)	Kohichí KUBO	
Date: _				
		(Signature of Inventor)	Chikayoshi KAMATA	
Date: _		·		
		(Signature of Inventor)	Takayuki TSUKAMOTO	
Date: _				
		(Signature of Laventur)	Shinya AOKI	
Date:				
		(Signature of Invoctor)	Takahiro HIRAI	
Date:				
		(Signature of Inventor)	Tsukasa NAKAI	
Date: _				
		(Signature of Inventor)	Toshiro HIRAOKA	
Date:	Oct. 4, 2310	Coshino	- Hirachan	
_		(Signature of Inventor)		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
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ALEXANDRIA, VIRGINIA 22314

12/04

**RECORDED: 10/28/2010**