

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Naoto SHIRAISHI		08/04/2008
RECEIVING PARTY DATA		
Name:	RICOH COMPANY, LTD.	
Street Address:	3-6, Nakamagome 1-chome, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	143-8555	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12193135	
CORRESPONDENCE DATA		
Fax Number:	(703)413-2220	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(703) 413-3000	
Email:	tlewis@oblon.com	
Correspondent Name:	Oblon, Spivak, et al.	
Address Line 1:	1940 Duke Street	
Address Line 4:	Alexandria, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	330727US28	
NAME OF SUBMITTER:	Tamika R. Gaston	
Total Attachments: 2 source=330727USASSIGN#page1.tif source=330727USASSIGN#page2.tif		

OP \$40.00 12193135

500623461

PATENT
REEL: 021403 FRAME: 0350

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Naoto SHIRAISHI of

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

c/o Ricoh Co., Ltd.,

3-6, Nakamagome 1-chome, Ohta-ku, TOKYO 143-8555 JAPAN

INSERT TITLE
OF INVENTION:

_____, respectively,

have invented certain new and useful improvements in:

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

DEVICE AND METHOD FOR ENCODING IMAGE DATA

for which an application for Letters Patent was executed on August 4, 2008

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

(Application No. _____, filed _____), and

WHEREAS, RICOH COMPANY, LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at:

3-6, Nakamagome 1-chome, Ohta-ku, TOKYO 143-8555 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.

03/03

PATENT
REEL: 021403 FRAME: 0351

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: August 4, 2008

Naoto Shiraishi
 (Signature of Inventor) Naoto SHIRAISHI

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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

03/03