PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Jun YURA | 10/24/2011 |
| Hiroyuki SUGIYAMA | 10/24/2011 |

RECEIVING PARTY DATA

| Name: | Ricoh Company, Ltd. | |
|-----------------|-------------------------|--|
| Street Address: | 3-6, Nakamagome 1-chome | |
| City: | Ohta-ku, Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 143-8555 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13285711 |

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 ranegron@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 388729US28

NAME OF SUBMITTER: Roberto Negron

Total Attachments: 2

source=388729USAssignment#page1.tif source=388729USAssignment#page2.tif

PATENT

REEL: 027149 FRAME: 0897

OF \$40.00 15285/11

Assignment of Application

| HIROY UKI SUGIY. | AMA, Kanagawa, JAPAN | |
|---|--|--|
| | | |
| | | |
| | | |
| | | |
| *************************************** | | |
| | | |
| | | HELENTINES AND THE PROPERTY OF |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | , respectively |
| and the second residue to the second | THE PARTY OF THE P | • |
| | rovements in: <u>IMAGE FORMING APPARATION</u> ON REGARDLESS OF TYPE OF GRADATION | |
| PROCESSING | OR REGARDLESS OF TIPE OF ORADATIO | N SEQUENCE |
| | ** | |
| Application No. | , filed |), and |
| WHEREAS, Ricoh Company, Ltd. | | |
| hereinather referred to as "ASSIGNEE" | having a place of business at: 3-6, Nakamago | ma Laborna Oliva bu Tokua |
| 143-8555, Japan is desirous of acquiring | the entire right, title and interest in and to sai | d invention and in and to any |
| | efore in the United States and its territorial po | |

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.

07/09

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, L.L.P. 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: | October 24. 2011 | | Jun yura |
|-------|------------------|---|--------------------|
| • | | (Signature of Inventor) | JUN YURA |
| Date: | October 24, 2011 | | Herogethi degogana |
| | | (Signature of Inventor) | HIROYUKI SUGIYAMA |
| Date: | | | |
| | | (Signature of Inventor) | |
| Date: | manarayy | White the same of | |
| | | (Signature of Inventor) | |
| Date: | | | |
| | | (Signature of Inventor) | |
| Date: | | | |
| | | (Signature of Inventor) | |

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

07/09

RECORDED: 10/31/2011

PATENT

REEL: 027149 FRAME: 0899