

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>Masayuki HAYASHI</td> <td>08/17/2012</td> </tr> <tr> <td>Yoshinori SHIRASAKI</td> <td>08/17/2012</td> </tr> <tr> <td>Kunihiro KOMAI</td> <td>08/17/2012</td> </tr> <tr> <td>Hiroaki IKEDA</td> <td>08/17/2012</td> </tr> <tr> <td>Motoyoshi TAKAHASHI</td> <td>08/17/2012</td> </tr> <tr> <td>Fuminori TSUCHIYA</td> <td>08/17/2012</td> </tr> <tr> <td>Akinori YAMAGUCHI</td> <td>08/17/2012</td> </tr> <tr> <td>Tatsuya MIYADERA</td> <td>08/17/2012</td> </tr> <tr> <td>Motohiro KAWANABE</td> <td>08/17/2012</td> </tr> <tr> <td>Yasuo YAMAGUCHI</td> <td>08/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Masayuki HAYASHI	08/17/2012	Yoshinori SHIRASAKI	08/17/2012	Kunihiro KOMAI	08/17/2012	Hiroaki IKEDA	08/17/2012	Motoyoshi TAKAHASHI	08/17/2012	Fuminori TSUCHIYA	08/17/2012	Akinori YAMAGUCHI	08/17/2012	Tatsuya MIYADERA	08/17/2012	Motohiro KAWANABE	08/17/2012	Yasuo YAMAGUCHI	08/17/2012
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<table border="1"> <tr> <td>Name:</td> <td>RICOH COMPANY, LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>3-6, Nakamagome 1-chome</td> </tr> <tr> <td>City:</td> <td>Ohta-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>143-8555</td> </tr> </table>		Name:	RICOH COMPANY, LIMITED	Street Address:	3-6, Nakamagome 1-chome	City:	Ohta-ku, Tokyo	State/Country:	JAPAN	Postal Code:	143-8555												
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Application Number:	13609833																						
CORRESPONDENCE DATA																							
Fax Number:	7034132220																						
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Correspondent Name:	Oblon, Spivak, et al.																						

OP \$40.00 13609833

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ATTORNEY DOCKET NUMBER:	404666US28
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NAME OF SUBMITTER:	Emel Hasan
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Total Attachments: 2 source=404666USASN#page1.tif source=404666USASN#page2.tif
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

RICOH COMPANY, LIMITED

3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

TONER CONSUMPTION CALCULATOR, IMAGE FORMING APPARATUS, AND TONER

CONSUMPTION CALCULATION METHOD

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____;

(Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. _____/ _____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Masayuki Hayashi</u> (Signature)	Masayuki HAYASHI (Type Name)	<u>August 17, 2012</u> (Date)
2) <u>Yoshinori Shirasaki</u> (Signature)	Yoshinori SHIRASAKI (Type Name)	<u>August 17, 2012</u> (Date)
3) <u>Kunihiro Komai</u> (Signature)	Kunihiro KOMAI (Type Name)	<u>August 17, 2012</u> (Date)
4) <u>Hiroaki Ikeda</u> (Signature)	Hiroaki IKEDA (Type Name)	<u>August 17, 2012</u> (Date)
5) <u>Motoyoshi Takahashi</u> (Signature)	Motoyoshi TAKAHASHI (Type Name)	<u>August 17, 2012</u> (Date)
6) <u>Fuminori Tsuchiya</u> (Signature)	Fuminori TSUCHIYA (Type Name)	<u>August 17, 2012</u> (Date)

7) <u>Akinori Yamaguchi</u> (Signature)	<u>Akinori YAMAGUCHI</u> (Type Name)	<u>August 17, 2012</u> (Date)
8) <u>Tatsuya Miyadera</u> (Signature)	<u>Tatsuya MIYADERA</u> (Type Name)	<u>August 17, 2012</u> (Date)
9) <u>Motohiro Kawanabe</u> (Signature)	<u>Motohiro KAWANABE</u> (Type Name)	<u>August 17, 2012</u> (Date)
10) <u>Yasuo Yamaguchi</u> (Signature)	<u>Yasuo YAMAGUCHI</u> (Type Name)	<u>August 17, 2012</u> (Date)