

Atty Docket No.: 284137US2



04-12-2006



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FORM PTO-1595 06-04

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Hiroshi KONDO Hidenori TOMONO Takanori TANO Hitoshi KONDOH</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: RICOH COMPANY, LTD. Address: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: January 18, 19, 18, 2006</p>	

4. Application number(s) or patent number(s):

This document is being filed together with a new application

<p>A. Patent Application No.(s) 11/319,063</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Customer Number 22850</p> <p>Tel. (703) 413-3000 Fax. (703) 413-2220</p>	<p>6. Total applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p>_____ Marvin J. Spivak Name of Person Signing</p>	<p>_____ <i>Joseph Scafetta Jr.</i> Signature Joseph Scafetta, Jr. Registration No. 26,803</p>	<p>_____ APR 10 2006 Date</p>
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Registration Number: 24,913

Total number of pages including this cover sheet: 3

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Director of the United States Patent and Trademark Office
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PATENT REEL: 017768 FRAME: 0570

Assignment of Application

WHEREAS, I (WE) HIROSHI KONDO, HIDENORI TOMONO, TAKANORI TANO
and HITOSHI KONDOH

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

of Kanagawa, Japan

of Kanagawa, Japan

of Kanagawa, Japan

of Kanagawa, Japan

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: ELECTRONIC DEVICE, METHOD FOR MANUFACTURING
ELECTRONIC DEVICE, CONTACT HOLE OF ELECTRONIC DEVICE, METHOD FOR FORMING CONTACT HOLE OF
ELECTRONIC DEVICE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on Jan.18, 19, 18 and 18, 2006

(Application No. 11/319,063, filed December 28, 2005), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

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.

10/01

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: Jan. 18. 2006

Hiroshi Kondo
(Signature of Inventor) **HIROSHI KONDO**

Date: Jan. 19. 2006

Hidenori Tomono
(Signature of Inventor) **HIDENORI TOMONO**

Date: Jan. 18. 2006

Takanori Tano
(Signature of Inventor) **TAKANORI TANO**

Date: Jan. 18. 2006

Hitoshi Kondoh
(Signature of Inventor) **HITOSHI KONDOH**

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
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Attest:

[Signature]

[Signature]

10/01