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Docket No. 2271/76465

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FORM PTO-1595 (Substitute) REC



U.S. DEPARTMENT OF COMMERCE

(Rev. 8-96)

Patent and Trademark Office

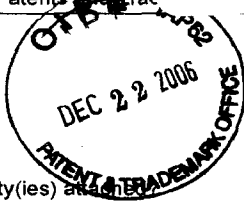
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To the Honorable Commissioner of Patents and Trademarks

Documents or copy thereof.

1. Name of conveying party(ies):

Yusuke MINAKUCHI
Yoshiki TAKAGI



2. Name and address of receiving party(ies):

Name: Ricoh Company, Ltd.
Internal Address:
Street Address: 3-6, Nakamagome 1-chome,
Ohta-ku
City/State/Zip: Tokyo 143-8555, Japan

Additional name(s) of conveying party(ies) attached?

Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Assignment Change of Name
- Other

Execution Date(s): December 11, 2006 and
December 5, 2006

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is (are): S.N. 11/585,453

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ivan S. Kavrukov, Esq.
Internal Address:
Street Address: Cooper & Dunham LLP
1185 Avenue of the Americas
City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
03-3125

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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.

Paul Teng, Reg. No 40,837
Name of Person Signing

Signature

December 19, 2006
Date

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

Total Number of pages including cover sheet, attachments and document: 3

Paul Teng
Reg. No. 40,837

December 19, 2006
Date

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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40.00 OP

Patent Application Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I (we), the undersigned, hereby sell, assign and transfer to RICOH COMPANY, LTD. and Analog Research Limited, a corporation of Japan, having a place of business at 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan and 3-3-3, Aogakidai, Nara-shi, Nara 631-0053, Japan, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled CONSTANT-VOLTAGE CIRCUIT AND CONTROLLING METHOD THEREOF, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all