



3-14-05

03-18-2005

PP

Form **PTO-1595** (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



102962391

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

- (1) Seiji Hashimoto
- (2) Hidetoshi Hayashi

Execution Date(s) 1/18/05

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Canon Kabushiki Kaisha

Internal Address: _____

Street Address: 3-30-2, Shimomaruko

City: Ohta-Ku

State: Tokyo

Country: Japan

Zip: _____

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____
- Merger
- Change of Name

4. Application or patent number(s):

A. Patent Application No.(s)
11/015,240 filed on 12/17/04

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Canon U. S. A., Inc. IP Department

Internal Address: _____

Street Address: 15975 Alton Parkway

City: Irvine

State: California

Zip: 92618-3731

Phone Number: 949-932-3132

Fax Number: 949-932-3560

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 502456

Authorized User Name Marlene Klein

9. Signature:

Marlene Klein

Signature

3/3/05

Date

Marlene Klein

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

03/17/2005 ECDOPER 00000255 502456 11015240

01 FC:0021 40.00 BA

PATENT
REEL: 016362 FRAME: 0542

10003781US01

JOINT
(AFTER APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE **Seiji Hashimoto and Hidetoshi Hayashi**

citizens of **Japan**

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**

a corporation of **Japan**

having a place of business at **3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan**

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

**IMAGING APPARATUS FOR PROCESSING NOISE SIGNAL AND
PHOTOELECTRIC CONVERSION SIGNAL**

and described in an application for Letters Patent of the United States executed by us, and filed on **December 17, 2004** as **Application No. 11/015,240**, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.