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TRANSF

DATION

Atty. Docket: 35.C13212

To the Honorable Commissioner of Pat



100984125

ched original documents or copy thereof.

1. Name of conveying parties:

MAR - 8 1999

KATSUHISA OGAWA, SHIGEHOSHI SUGAWA,
HIDEYUKI ARAI, ISAMU UENO, TORU KOZUMI,
OTETSUNOBU KOCHI, KATSUHITO SAKURAI and
HIROKI HIYAMA

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko, 3-chome, Ohta-ku

Tokyo, Japan

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

Yes No

Domestic Address: _____

City: _____ State _____ ZIP _____

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: January 11, 1999, January 12, 1999 and
January 13, 1999

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Serial Number:

09/210,545

Filing Date: December 14, 1998

B. Title of Invention:

IMAGE PICKUP ELEMENT

Additional numbers attached? Yes No

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

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

03/10/1999 JSHBAZZ 00000190 09210545

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9. Statement and signature.

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

(38,886)

Joseph W. Ragusa
Name of Person Signing

Joseph W. Ragusa
Signature

March 5, 1999
Date

Total number of pages including cover sheet, attachments, and documents: 3

PATENT
REEL: 9796 FRAME: 0379

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **KATSUHISA OGAWA, SHIGETOSHI SUGAWA,
HIDEYUKI ARAI, ISAMU UENO, TORU KOIZUMI, TETSUNOBU KOCHI,
KATSUHITO SAKURAI and HIROKI HIYAMA**

citizens of Japan
residing respectively at

5-4-606, Naka-machi 1-chome, Machida-shi, Tokyo, Japan;
13-3, Morinosato 3-chome, Atsugi-shi, Kanagawa-ken, Japan;
400-2, Kuji, Takatsu-ku, Kawasaki-shi, Kanagawa-ken, Japan;
2-5-407, Minamigaoka 3-chome, Hadano-shi, Kanagawa-ken, Japan;
24-16-101, Shirane-cho 3-chome, Asahi-ku, Yokohama-shi,
Kanagawa-ken, Japan;
5567-1-509, Tamura, Hiratsuka-shi, Kanagawa-ken, Japan;
2405-40, Kanai-machi, Machida-shi, Tokyo, Japan; and
10-1, Asahi-cho 2-chome, Atsugi-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**
a corporation of Japan
having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the
United States, in and to certain inventions relating to

IMAGE PICKUP ELEMENT

and described in an application for Letters Patent of the United States filed by us on **December 14, 1998**
and which has been accorded Application No. **09/210,545**
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 we hereby authorize and request the
Commissioner for Patents and Trademarks of the United States to issue all Letters Patent 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 patent
or other form of protection for said inventions, the 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, 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 legal and formal equivalent of any
assignment, consent to file or like document which may be required in the United States for any purpose and more
particularly in proof of the right of 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.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned
and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to
us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing
and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper
to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in
the United States.

By: Katsuhisa Ogawa
KATSUHISA OGAWA

Date: January 12, 1999

By: Shigetoshi Sugawa
SHIGETOSHI SUGAWA

Date: January 11, 1999

By: Hideyuki Arai
HIDEYUKI ARAI

Date: January 13, 1999

By: Isamu Ueno
ISAMU UENO

Date: January 11, 1999

By: Toru Koizumi
TORU KOIZUMI

Date: January 11, 1999

By: Tetsunobu Kochi
TETSUNOBU KOCHI

Date: January 11, 1999

By: Katsuhito Sakurai
KATSUHITO SAKURAI

Date: January 11, 1999

By: Hiroki Hiyama
HIROKI HIYAMA

Date: January 11, 1999