

02-20-2003

Form-PTO-1595

1-31-92



OR RECORDATION

Atty. Docket: 02910.000038

To the Director, U.S.

102368228

the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Naoto ABE (2) Kohei INAMURA
(3) Osamu SAGANO (4) Hiroshi SAITO
(5) Takeshi IKEDA

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

☐ Yes☒ No

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

Name: CANON KABUSHIKI KAISHAForeign Address: 3-30-2, Shimomaruko, Ohta-kuTokyo, Japan

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: (1,2,3,5) December 20, 2002 and (4)
December 24, 2002

Domestic Address: _____

City: _____ State _____ ZIP _____

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

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 Number: 10/300,538

Filing Date: November 21, 2002

B. Title of Invention:

DISPLAY APPARATUS, AND IMAGE SIGNAL
PROCESSING APPARATUS AND DRIVE
CONTROL APPARATUS FOR THE SAME

Additional numbers attached?

☐ Yes☒ No

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

Name: Fitzpatrick, Cella, Harper & Scinto30 Rockefeller PlazaNew York, New York 10112-3801Telephone No.: (212) 218-2100Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One7. 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):

02/19/2003 T01A21 00000001 10300538

01 FC:8021

40.00 UP

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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.

Scott D. Malpede - Reg. No. 32,533

Name of Person Signing

Signature

February 12, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

SDM/kkv

DC_MAIN 122194 v1

PATENT
REEL: 013757 FRAME: 0227

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, **Naoto Abe, Kohei Inamura, Osamu Sagano, Hiroshi Saito and Takeshi Ikeda**

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 the United States, in and to certain inventions relating to

DISPLAY APPARATUS, AND IMAGE SIGNAL PROCESSING APPARATUS AND DRIVE CONTROL APPARATUS FOR THE SAME

and described in an application for Letters Patent of the United States filed by us on **November 21, 2002**

and which has been accorded Application No. **10/300538**

and in and to said application, and all divisions, 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 of 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 filed by it or them, the benefit of the right or 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 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: Naoto Abe
Naoto Abe

Date: December 20, 2002

By: Kohei Inamura
Kohei Inamura

Date: December 20, 2002

By: Osamu Sagano
Osamu Sagano

Date: December 20, 2002

By: Hiroshi Saito
Hiroshi Saito

Date: December 24, 2002

By: Takeshi Ikeda
Takeshi Ikeda

Date: December 20, 2002