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ORDINATION

Atty. Docket: 35.C13035

To the Honorable Commissioner of

1. Name of conveying parties:

YOSHIHIRO TERASHIMA and  
YUKIHIKO SAKASHITA

Additional name(s) of conveying party attached?

☐ Yes

☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: December 9, 1998 and December 10, 1998

Name and address of receiving party:

Name: CANON KABUSHIKI KAISHA

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

Tokyo, Japan

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 Serial Number:

09/177,572

Filing Date: October 23, 1998

B. Title of Invention:

MEMORY CONTROLLER AND LIQUID CRYSTAL  
DISPLAY APPARATUS USING 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 & 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):

01/13/1999 DNGUYEN 00000001 09177572

01 FC:581

40.00 DP

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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.

Abigail F. Cousins

Name of Person Signing

Signature

January 7, 1999

Date

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

A:13035REC/jrl

PATENT  
REEL: 9688 FRAME: 0575

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

FOR VALUE RECEIVED, WE, YOSHIHIRO TERASHIMA and  
YUKIHIKO SAKASHITA

citizens of Japan

residing respectively at 6-19-201, Hiratsuka 1-chome, Hiratsuka-shi,  
Kanagawa-ken, Japan; and 31-28-603, Shukugawara 6-chome,  
Tama-ku, Kawasaki-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

MEMORY CONTROLLER AND LIQUID CRYSTAL DISPLAY APPARATUS  
USING THE SAME

and described in an application for Letters Patent of the United States filed by us on October 23, 1998  
and which has been accorded Application No. 09/177,572  
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: Yoshihiro Terashima  
YOSHIHIRO TERASHIMA

Date: December 1, 1998

By: Yukihiro Sakashita  
YUKIHIKO SAKASHITA

Date: December 9, 1998

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_