



102374731

ATTORNEY DOCKET NO. 15162/05150

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 2.14.03
 Eiji YAMAKAWA
 Naoki MASAZUMI

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 31, 2003, respectively

2. Name and Address of receiving party(ies):
 Name: MINOLTA CO., LTD.
 Internal Address:
 Street Address: Osaka Kokusai Building
 3-13, 2-Chome
 Azuchi-Machi, Chuo-Ku
 City: Osaka-shi Prefecture: Osaka
 Country: JAPAN ZIP: 541-8556

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

10/366762
02/14/03

4. Application number(s) or patent number(s): 10366762
 If this document is being filed together with a new application, the execution date of the application is: January 31, 2003, respectively

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: SIDLEY AUSTIN BROWN & WOOD LLP
 Internal Address: Attn: Thomas N. Tarnay
 Street Address: 717 North Harwood
 Suite 3400
 City: Dallas State: TX ZIP: 75201-6507

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:
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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.

Thomas N. Tarnay [Signature] February 14, 2003
 Name of Person Signing Signature Date

Total number of pages including cover sheet 3

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ASSIGNMENT

In consideration of the sum of One Dollar (U.S. \$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Eiji YAMAKAWA and Naoki MASAZUMI

hereby sells, assigns and transfers to MINOLTA CO., LTD., a corporation duly organized under the laws of Japan, and having a place of business at Osaka Kokusai Building, 3-13, 2-Chome Azuchi-machi, Chuo-ku, Osaka-shi, Osaka 541-8556 Japan, (hereinafter called Assignee) the entire right, title, and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

LIQUID CRYSTAL DISPLAY APPARATUS

which application was executed by the undersigned on

the 31st day of January, 2003; and

the 31st day of January, 2003; respectively

including said application and any and all divisions, continuations, and substitutes thereof and any and all United States Letters Patents which may be granted therefor and any and all extensions, reissues, renewals or reexaminations thereof, and the right to all benefits

under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed this 31st day of January, 2003.

Eiji Yamakawa
Eiji YAMAKAWA

Signed this 31st day of January, 2003.

Naoki Masazumi
Naoki MASAZUMI