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## PATENTS ONLY

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## 1. Name of conveying party(ies):

Masako IWAMATSU, Kenji NISHIGUCHI, Hideaki UEDA,  
Nobuyuki KOBAYASHI, Fumie MOTOORI, Masakazu OKADA,  
Mitsuyo MATSUMOTO, and Akihito HISAMITSUAdditional name(s) of conveying party(ies) attached? \_ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment      \_ Merger  
\_ Security Agreement      \_ Change of Name  
\_ OtherExecution Date: December 22, 2000, December 14, 2000, December 5, 2000, December 5, 2000, December 5, 2000, December 5, 2000, December 5, 2000, and December 5, 2000, respectively

## 2. Name and Address of receiving party(ies):

Name: MINOLTA CO., LTD.

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

APR 16 2001

## 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 No.(s)

09/718,138

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  
Internal Address: Attn: James W. Williams  
Street Address: 717 North Harwood  
Suite 3400  
City: Dallas      State: TX      ZIP: 75201-65076. Total Number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

\_ Enclosed

☒ Authorized to be charged to deposit account

## 8. Deposit account number:

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## 9. Statement and signature:

*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.*James W. Williams

Name of Person Signing

James W. Williams  
SignatureApril 11, 2001

Date

Total number of pages including cover sheet 4

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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,

Masako IWAMATSU, Kenji NISHIGUCHI, Hideaki UEDA,  
Nobuyuki KOBAYASHI, Fumie MOTOORI, Masakazu OKADA,  
Mitsuyo MATSUMOTO and Akihito HISAMITSU

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, 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 ELEMENT**

which application was filed by the undersigned on November 21, 2000 and accorded serial no. 09/718,138

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 22<sup>th</sup> day of December, 2000.

Masako Iwamatsu  
Masako IWAMATSU

Signed this 14<sup>th</sup> day of December, 2000.

Kenji Nishiguchi  
Kenji NISHIGUCHI

Signed this 5<sup>th</sup> day of December, 2000.

Hideaki Ueda  
Hideaki UEDA

Signed this 5<sup>th</sup> day of December, 2000.

Nobuyuki Kobayashi  
Nobuyuki KOBAYASHI

Signed this 5<sup>th</sup> day of December, 2000.

Fumie Motoori

Fumie MOTOORI

Signed this 5<sup>th</sup> day of December, 2000.

Masakazu Okada

Masakazu OKADA

Signed this 5<sup>th</sup> day of December, 2000.

Mitsuyo Matsumoto

Mitsuyo MATSUMOTO

Signed this 5<sup>th</sup> day of December, 2000.

Akihito Hisamitsu

Akihito HISAMITSU