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Attorney's Docket No. 024705-064

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

1. Name of conveying party(ies):

Tadayuki FUJIMOTO, Shinchiro HIROTA, Kishio SUGAWARA and Shinji HADA



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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name

Other: \_\_\_\_\_

Execution Date: April 5, 1999

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

Name: Hoya Corporation

Address: 7-5, Naka-Ochiai 2-chome

Shinjuku-ku

Tokyo 161-0032, Japan

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 No.(s)  
09/247,096

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: E. Joseph Gess, Esq.  
Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: one

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

Enclosed

Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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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.

E. Joseph Gess  
Name of Person Signing

E. Joseph Gess  
Signature

April 28, 1999  
Date

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
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provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date <u>April 5, 1999</u>	Signature of Assignor	<u>Tadayuki Fujimoto</u> Tadayuki FUJIMOTO
Date <u>April 5, 1999</u>	Signature of Assignor	<u>Shinichiro Hirota</u> Shinichiro HIROTA
Date <u>April 5, 1999</u>	Signature of Assignor	<u>Kishio Sugawara</u> Kishio SUGAWARA
Date <u>April 5, 1999</u>	Signature of Assignor	<u>Shinji Hada</u> Shinji HADA
Date _____	Signature of Assignor	_____
Date _____	Signature of Assignor	_____
Date _____	Signature of Assignor	_____
Date _____	Signature of Assignor	_____