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Form PTO-1595 (modified)
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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



101994587

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

1. Name of conveying party(ies):
MITSUBISHI DENKI K.K.

2-21-02

2. Name and address of receiving party(ies):
NEC-MITSUBISHI ELECTRIC VISUAL SYSTEMS
CORPORATION
13-23, Shibaura 4-chome
Minato-ku, Tokyo, Japan

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

3. Nature of conveyance:

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

Execution Date: December 1, 2001

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

4. Application number(s) or patent number(s):

4709220

If this document is being filed together with a new application, the execution date of the application is:

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:

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:
45

7. Total fee (37 CFR 3.41): \$1800.00 (45 x \$40)
☒ Enclosed. Please charge any underpayment in connection
with this Assignment to Deposit Account No. 19-4880.
☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

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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.

David J. Cushing

Reg. No. 28,703

February 21, 2002

Date

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

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

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

DJC - ID 008502

02/26/2002 LMUELLER 00000016 4709220

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1800.00 DP

PATENT
REEL: 012598 FRAME: 0437

<Schedule>

Patent No	Patent No
4,709,220	5,654,749
4,758,810	5,656,894
4,806,894	5,663,617
4,943,859	5,671,017
5,017,832	5,734,423
5,113,122	5,736,914
5,138,283	5,742,247
5,155,417	5,751,367
5,281,910	5,760,549
5,283,476	5,764,005
5,283,505	5,770,929
5,304,891	5,801,496
5,315,387	5,914,567
5,319,446	5,998,943
5,334,911	6,069,673
5,347,317	6,097,444
5,347,427	
5,434,484	
5,436,670	
5,450,138	
5,473,223	
5,488,270	
5,493,179	
5,517,090	
5,581,162	
5,602,567	
5,619,285	
5,635,793	
5,642,175	

1. US

Assignment

Whereas, Mitsubishi Denki K.K. of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "Assignor", is the owner of the entire right, title and interest in the United States Patents listed on the attached Schedule; and

Whereas, NEC-Mitsubishi Electric Visual Systems Corporation of 13-23, Shibaura 4-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as "Assignee", desires to acquire the entire right, title, and interest of the Assignor in the said U.S. Patents;

Now, therefore, for valuable consideration, receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to the above-named Assignee, its successors and assigns, the entire right, title and interest in the said U.S. Patents, and any reissues or re-examinations thereof, together with all claims for damages by reason of past infringement of the said U.S. Patents with the right to Assignee to sue for and collect the same for their own use and enjoyment.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that upon request by the Assignee, Assignor will promptly provide to Assignee all pertinent facts and documents relating to the invention claimed in the said U.S. Patents and legal equivalents as may be known and accessible to Assignor, and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers instruments or affidavits required to apply for, obtain, maintain, issue and enforce the said U.S. Patents which may be necessary by Assignee.

Mitsubishi Denki K.K.

Date: December 1, 2001

By:

南 孝 政 明

Masaaki NANGAKU

Title: Senior Executive Vice President,
Member of the Board