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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

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

Yoshiaki Miyashita (04/11/2003) and Hiroki Koba  
(04/11/2003)

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

## 3. Nature of Conveyance:

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

Execution Date: see Box 1, conveying parties

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

Name: Sanyo Electric Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

5-5, Keihanondori 2-chome  
Moriguchi-shi

Pref.: Osaka

Country: JAPAN

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 new application is: April 11, 2003

## A. Patent Application No.(s):

NEW  
APPLICATION

## B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: David T. Nikaido  
RADER, FISHMAN & GRAUER PLLC

Internal Address: Atty. Dkt.: JIM-0214

Street Address:  
1233 20th Street, N.W.  
Suite 501

City: Washington State: DC Zip: 20036

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  
☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

18-0013

(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.*

Robert S. Green, Reg. No. 41,800

Name of Person Signing

[Signature]  
Signature

April 22, 2003

Date

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

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**PATENT**  
**REEL: 013988 FRAME: 0581**

Docket No. \_\_\_\_\_

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

SANYO ELECTRIC CO., LTD. residing at 5-5, Keihanondori 2-chome,  
Moriguchi-shi, Osaka, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of  
Invention]

LENS SHIFT MECHANISM AND PROJECTION TYPE VIDEO DISPLAY

[\*If the assignment  
is being filed  
after the filing of the  
application, this  
section must be  
completed]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Rader, Fishman & Grauer, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)  
of Assignor(s)]

<u>Yoshiaki Miyashita</u> (SIGNATURE)	<u>Yoshiaki MIYASHITA</u> (TYPE NAME)	<u>11 / 4 / 2003</u> (DATE)
<u>Hiroki Koba</u> (SIGNATURE)	<u>Hiroki Koba</u> (TYPE NAME)	<u>11 / 4 / 2003</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)