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U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

ET



103084544

10/528652

To the Director of the U.S. Patent,

documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**Yoshiaki Kambe (02/25/2005), Kenichi Shimaya  
(02/25/2005), Tsutomu Shimomura (02/25/2005),  
Albrecht Haack (02/25/2005),

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of Conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: MATSUSHITA ELECTRIC WORKS, LTD.

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

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

1048, Oaza-Kadoma  
Kadoma-shi, Osaka 571-8686  
JAPAN

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☒ Yes ☐ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: David T. Nikaido  
RADER, FISHMAN & GRAUER PLLC  
Internal Address: Atty. Dkt.: HOK-0269  
Street Address: 1233 20th Street, N.W.  
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State: DC Zip: 20036

Phone Number: (202) 955-3750

Fax Number: (202) 955-3751

Email Address: dtn@raderfishman.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 18-0013  
Authorized User Name David T. Nikaido**9. Signature:**

Signature

March 22, 2005

Date

David T. Nikaido - 22,663

Name of Person Signing

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

4

Form PTO-1595

RECORDATION FORM COVER SHEET  
(continued)

10/528652

## Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Paul G. Halbach (02/25/2005), and Markus Gaertner (02/25/2005)

## Additional Assignees (2. Continued):

Assignee Name: Delphi Technologies Inc.

Internal Address:

Street Address: 5725, Delphi Drive, Troy, MI 48007 U.S.A.

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

## Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐ Yes☐ No

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)]

Matsushita Electric Works, Ltd. of 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686, Japan,  
and Delphi Technologies Inc. of 5725, Delphi Drive, Troy, MI 48007, U.S.A.

(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]

Optical Receptacle with Low Transmission Loss and Photoelectric Conversion Module for the  
Same

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

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

\*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)]

Yoshiaki Kambe  
(SIGNATURE)  
Kenichi Shimaya  
(SIGNATURE)  
Tsutomu Shimomura  
(SIGNATURE)  
\_\_\_\_\_  
(SIGNATURE)  
\_\_\_\_\_  
(SIGNATURE)  
\_\_\_\_\_  
(SIGNATURE)

<u>Yoshiaki KAMBE</u> (TYPE NAME)	<u>Feb. 25, 2005</u> (DATE)
<u>Kenichi SHIMAYA</u> (TYPE NAME)	<u>Feb. 25, 2005</u> (DATE)
<u>Tsutomu SHIMOMURA</u> (TYPE NAME)	<u>Feb. 25, 2005</u> (DATE)
<u>Albrecht HAACK</u> (TYPE NAME)	<u>                    </u> (DATE)
<u>Paul Gerhard HALBACH</u> (TYPE NAME)	<u>                    </u> (DATE)
<u>Markus GAERTNER</u> (TYPE NAME)	<u>                    </u> (DATE)
<u>                    </u> (TYPE NAME)	<u>                    </u> (DATE)

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

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[Title of  
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Optical Receptacle with Low Transmission Loss and Photoelectric Conversion Module for the  
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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.

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[Signature(s)  
of Assignor(s)]

_____ (SIGNATURE)	Yoshiaki KAMBE _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Kenichi SHIMAYA _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Tsutomu SHIMOMURA _____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	Albrecht HAACK _____ (TYPE NAME)	02/25/2005 _____ (DATE)
_____ (SIGNATURE)	Paul Gerhard HALBACH _____ (TYPE NAME)	02/25/2005 _____ (DATE)
_____ (SIGNATURE)	Markus GAERTNER _____ (TYPE NAME)	02/25/2005 _____ (DATE)