

08-06-2007

11/883361  
IAP2 Patent 11/883361 31 JUL 2007

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



HEET

103434032

To the Director of the U.S. Pat.

hed documents or the new address(es) below.

1. Name of conveying party(ies):

Takayuki Nishikawa (07/12/2007), Sadayuki Sumi (07/12/2007), Tomohiro Kamitsu (07/12/2007), Ryo Taniguchi (07/12/2007),

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ 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

City: Kadoma-shi

State: Osaka

Country: JAPAN Zip: 571-8686

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

4. Application or patent number(s):

A. Patent Application No.(s)

THIS APPLICATION

☒ This document is being filed together with a new application.

B. Patent No.(s)

11/883361

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lee Cheng  
RADER, FISHMAN & GRAUER PLLC

Internal Address: Atty. Dkt.: HOK-0302  
Street Address: 1233 20th Street, N.W.  
Suite 501

City: Washington

State: DC Zip: 20036

Phone Number: (202) 955-3750

Fax Number: (202) 955-3751

Email Address: lc@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 Lee Cheng

9. Signature:

Signature

July 31, 2007

Date

Lee Cheng - 40,949

Name of Person Signing

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

3

7.31.07

08/02/2007 MAYPAGH 00000053 180013 11883361  
05 FC:8021 ( 40.00 DA )

11/883361

RECEIVED JUL 31 2007

**RECORDATION FORM COVER SHEET (PTO-1595)**  
**(supplemental sheet)****Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Masaya Hirata (07/12/2007), and Shin Sato (07/12/2007)

**Additional Assignees (2. Continued):**

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

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

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

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

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

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

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

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

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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

(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]

**INFRARED DETECTOR AND PROCESS FOR FABRICATING THE SAME**

[\*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>Takayuki Nishikawa</u> (SIGNATURE)	Takayuki NISHIKAWA (TYPE NAME)	July 12, 2007 (DATE)
<u>Sadayuki Sumi</u> (SIGNATURE)	Sadayuki SUMI (TYPE NAME)	July 12, 2007 (DATE)
<u>Tomohiro Kamitsu</u> (SIGNATURE)	Tomohiro KAMITSU (TYPE NAME)	July 12, 2007 (DATE)
<u>Ryo Taniguchi</u> (SIGNATURE)	Ryo TANIGUCHI (TYPE NAME)	July 12, 2007 (DATE)
<u>Masaya Hirata</u> (SIGNATURE)	Masaya HIRATA (TYPE NAME)	July 12, 2007 (DATE)
<u>Shin Sato</u> (SIGNATURE)	Shin SATO (TYPE NAME)	July 12, 2007 (DATE)

11 4685700  
IAP2 Rec'd PCT/PTO S1 JUL 2007

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

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

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Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐

Yes

☐

No