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Attorney Docket No.: 046124-5052

To the Assistant Commissioner for Patents:
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

- (1) Hiroto SATO
- (2) Takuya HOMME
- (3) Toshio TAKABAYASHI

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

Name: HAMAMATSU PHOTONICS K.K.

Internal Address:

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 1126-1, Ichino-cho,
Hamamatsu-shi,
Shizuoka 435-8558 JAPAN

City:
State:

Zip:

Execution Date: (1) December 8, 2000
(2) & (3) December 13, 2000

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

4. Application number(s) or patent number(s): 09/737,817

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:

Name: **John G. Smith**
 Internal Address: **Customer No. 009629**
Morgan, Lewis & Bockius LLP
 Street Address: 1800 M Street, N.W.
 City: Washington State: D.C. Zip: 20036

6. Total number of Applications and Patents involved: 1

7. Total fee (37 C.F.R § 3.41): \$40.00
 Enclosed
Authorized to be charged to Deposit Account 50-0310

8. Deposit Account Number: 50-0310
Attach duplicate of page if paying by Deposit Account

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.

John G. Smith, Reg. No. 33,818
Name of Person Signing

Signature

3/14/2001
Date

405

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

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ASSIGNMENT

Whereas, I/we,

Name

Address

1) **Hiroto SATO**

c/o Hamamatsu Photonics K.K.,
1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan
c/o Hamamatsu Photonics K.K.,

2) **Takuya HOMME**

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan
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3) **Toshio TAKABAYASHI**

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
SCINTILLATOR PANEL, RADIATION IMAGE SENSOR, AND METHODS OF MAKING THE SAME

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on December 18, 2000, Serial No. 09/737817; and

Whereas

HAMAMATSU PHOTONICS K.K.

1126-1, Ichino-cho,
Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORS

DATE SIGNED

1): Hiroto SATO
Name: Hiroto SATO

12/8 00'

2): Takuya HOMME
Name: Takuya HOMME

12/13 00'

3): Toshio TAKABAYASHI
Name: Toshio TAKABAYASHI

12/13 00'

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)