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

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

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

SHIBUYA, Kengo

KOSHIMIZU, Masanori

TAKEOKA, Yuko

ASAI, Keisuke

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

7.29.02

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

Name: JAPAN SCIENCE AND TECHNOLOGY

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

Street Address: 4-1-8, Honcho Kawaguchi-shi

City: Saitama State: JAPAN Zip: 332-0012

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Execution Date: June 27 / July 9 2002

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 application is: June 27-  
July 9, 2002

A. Patent Application No.(s)

PCT/JP01/10763

B. Patent No.(s)

10182924

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gary C. Cohn PLLC

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

Street Address: 4010 Lake Washington Blvd., NE

Suite 105

City: Kirkland State: WA Zip: 98033

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00



Enclosed



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## 8. Deposit account number:

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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.

Gary C. Cohn

Name of Person Signing

Signature

July 29, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 1

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 014232 FRAME: 0293

# ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

RADIATION DETECTION DEVICE

☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date;

☐ for which U.S. Application Serial No. \_\_\_\_\_ for Letters Patent was filed in the U.S. Patent and Trademark Office on \_\_\_\_\_.

☒ and for which an International Application was filed on December 7, 2001,  
PCT/JP01/10763, designating the United States.

AND WHEREAS,

JAPAN SCIENCE AND TECHNOLOGY CORPORATION  
4-1-8, Honcho Kawaguchi-shi, Saitama 332-0012 Japan

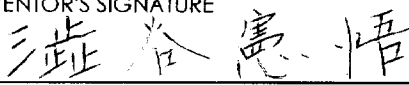
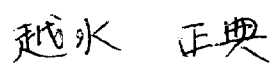
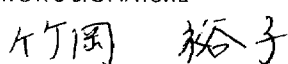
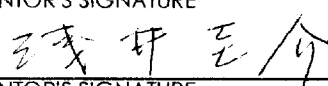
hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereof, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, ASSIGNEE and its assigns and legal representatives to have, hold, exercise, and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE or its assigns or legal representative and to execute any other papers that may be needed in connection with filing said application and securing a Letters Patent thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

FULL NAME OF SOLE OR FIRST INVENTOR Kengo SHIBUYA	INVENTOR'S SIGNATURE 	DATE June 27, 2002
FULL NAME OF SOLE OR FIRST INVENTOR Masanori KOSHIMIZU	INVENTOR'S SIGNATURE 	DATE June 27, 2002
FULL NAME OF SOLE OR FIRST INVENTOR Yuko TAKEOKA	INVENTOR'S SIGNATURE 	DATE July 9, 2002
FULL NAME OF SOLE OR FIRST INVENTOR Keisuke ASAI	INVENTOR'S SIGNATURE 	DATE June 27, 2002
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE
FULL NAME OF SOLE OR FIRST INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT

RECORDED: 07/29/2002

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