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To the Director of the United States Patent and Trademark Office

103567041

attached documents or the new address(es) below

1. Name of conveying party(ies):

- 1) Juhyun YU
- 2) Yoshinori SUNAGA
- 3) Hidetaka KAWAUCHI
- 4) Tsuneaki KAWAGUCHI
- 5) Isao TAKAHASHI
- 6) Shinichi INOUE
- 7) Naoyuki YAMADA
- 8) Masahiko KOBAYASHI

Additional names(s) of conveying party(ies) Yes No

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

Execution Date(s): June 26, 2009

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other
- Merger
- Change of Name

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

Name: HITACHI CABLE, LTD.

Address: 14-1, Sotokanda 4-chome, Chiyoda-ku,

City: Tokyo

State/Prov.: _____

Country: Japan

ZIP: _____

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

4. Application or patent numbers(s):

A. Patent Application No. (s)

This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Sean M. McGinn, Esq.

Registration No.: 34,386

Address: McGinn Intellectual Property Law Group, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna

State/Prov.: Virginia

Country: U.S.A.

ZIP: 22182-3817

Phone Number: 703-761-4100

Fax Number: 703-761-2375

Email Address: admin@mcginniplaw.com

6. Total number of applications and patents involved: One

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 50-0481 (Deficiencies Only)

Authorized User Name Sean M. McGinn

9. Signature:

Signature

July 2, 2009

Date

Sean M. McGinn, Esq.

Name of Person Signing

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

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PATENT
REEL: 022945 FRAME: 0728

ASSIGNMENT OF APPLICATION FOR PATENT**WHEREAS**NAME AND ADDRESS
OF ASSIGNOR

Juhyun YU
 Yoshinori SUNAGA
 Hidetaka KAWAUCHI
 Tsuneaki KAWAGUCHI
 Isao TAKAHASHI
 Shinichi INOUE
 Naoyuki YAMADA and
 Masahiko KOBAYASHI

c/o Hitachi Cable, Ltd., 14-1, Sotokanda 4-chome, Chiyoda-ku,
 Tokyo, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have
 invented and own a certain new and useful invention
 entitled:

TITLE OF INVENTION:

RADIATION DETECTOR

WHEREASFULL NAME AND ADDRESS
OF ASSIGNEE

Hitachi Cable, Ltd.
 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of
 acquiring the entire right, title, and interest in, to and under
 said invention and the United States Letters Patent to be
 obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be

it known that in consideration of the payment of ASSIGNEE
 to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt
 of which is hereby acknowledged, and for other good and
 valuable consideration, ASSIGNOR, by these presents,
 hereby sells, assigns and transfers to ASSIGNEE the entire
 and exclusive right, title and interest to said invention and
 all Letters Patent of the United States to be obtained
 therefor on said application or any continuation, division,
 renewal, substitute or reissue thereof for the full term or
 terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the
 Commissioner of Patents and Trademarks to issue said
 Letters Patent of the
 United States Patent obtained therefor on said application or any
 (Assignment of Application for Patent -- page 1 of 3)

continuation, division, renewal, substitute or reissue thereof

for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 26th day of June, 2009.

SIGNATURE

By: Juhyun Yu
Juhyun YU

SIGNATURE

By: Y. Sunaga
Yoshinori SUNAGA

SIGNATURE

By: Hidetaka Kawauchi
Hidetaka KAWAUCHI

SIGNATURE

By: Tsuneaki Kawaguchi
Tsuneaki KAWAGUCHI

SIGNATURE

By: Isao Takahashi
Isao TAKAHASHI

SIGNATURE

By: Shinichi Inoue
Shinichi INOUE

SIGNATURE

By: Naoyuki Yamada
Naoyuki YAMADA

SIGNATURE

By: Masahiko Kobayashi
Masahiko KOBAYASHI

WITNESS

M Kato
Masaaki Kato

(Assignment of Application for Patent -- page 3 of 3)

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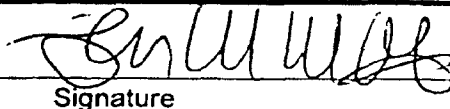
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