



09-08-2006

FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
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DOCKET NO. TCP-007

103303884

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

1. Name of conveying party(ies):

1. Kenji KITAMURA
2. Sunao KURIMURA
3. Masaru NAKAMURA
4. Shunji TAKEKAWA

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

Name: NATIONAL INSTITUTE FOR MATERIALS
SCIENCE

Street Address: 2-1, Sengen 1-chome

City: Tsukuba-shi, Ibaraki

State:

Zip: 305-0047

Country: JAPAN

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other Corrected Execution Date

Execution Date: November 1, 4, 1 & 1, 2005

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

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: November 1, 4, 1 & 1, 2005

A. Patent Application No(s).

10/575,535 filed on April 11, 2006

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name:

HAUPTMAN KANESAKA BERNER

Patent Agents, LLP

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41). \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account
☐ Credit Card payment form enclosed

8. Deposit account number: 11-0219

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9. Signature.

Manabu Kanesaka, 31,467

Name of Person, Registration No.

Signature

September 5, 2006

Date

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

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CMB No. 0851-0011 (exp. 4/94)

09/07/2006 NJAMA1 00000112 110219 10575535

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Name of Person, Registration No.

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July 10, 2006

Date

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CMB No. 0851-0011 (exp. 4/94)

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1-31-92

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Rec'd PCT/PTO 11 APR 2006

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Patent and Trademark Office

10/575535

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☐ Other

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04/19/2006 GFREY1 00000096 10575535

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Name of Person, Registration No.

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April 11, 2006

Date

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CMB No. 0851-0011 (exp. 4/94)

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

NATIONAL INSTITUTE FOR MATERIALS SCIENCE of

2-1, Sengen 1-chome, Tsukuba-shi, IBARAKI 305-0047

JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
WAVELENGTH CONVERSION ELEMENT HAVING MULTI-GRATINGS AND LIGHT
GENERATING APPARATUS USING SAID ELEMENT, AND WAVELENGTH CONVERSION
ELEMENT HAVING CYLINDRICAL FERROELECTRIC SINGLE CRYSTALS AND LIGHT
GENERATING APPARATUS USING SAID ELEMENT

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

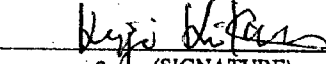
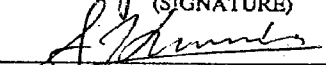
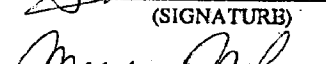
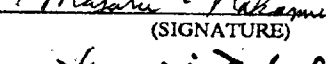
* filed on November 19, 2004, Serial No. PCT/JP2004/017653

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 this 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 or litigation 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 or litigation.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

 (SIGNATURE)	<u>Kenji KITAMURA</u> (TYPE NAME)	<u>Nov. 1st, 2005</u> (DATE)
 (SIGNATURE)	<u>Sunao KURIMURA</u> (TYPE NAME)	<u>Nov. 4th, 2005</u> (DATE)
 (SIGNATURE)	<u>Masaru NAKAMURA</u> (TYPE NAME)	<u>Nov. 1, 2005</u> (DATE)
 (SIGNATURE)	<u>Shunji TAKEKAWA</u> (TYPE NAME)	<u>Nov 1 2005</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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NO LEGALIZATION REQUIRED

PATENT

RECORDED: 07/10/2006

REEL: 018262 FRAME: 0484