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Atty Docket No.: 204200US0/tpb

FORM PTO-1595
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yasunori FURUKAWA, Kenji KITAMURA,
Shunji TAKEKAWA and Masaru NAKAMURAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: February 20, 20, 22, 22, 2001

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

Name: National Institute for Research in Inorganic
MaterialsAddress: No. 1, Namiki 1-chome, Tsukuba-shi,
Ibaraki, JapanAdditional name(s) and 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: **February 20, 20, 22, 22, 2001**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

22850

6. Total applications and patents involved: 1

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

- ☒ Enclosed
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8. Deposit account number: 15-0030
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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.

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Registration Number: 24,618

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PATENT
REEL: 011585 FRAME: 0285

Assignment Of Application

Page 1 of 2

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) Yasunori Furukawa, Kenji Kitamura,

Shunji Takekawa and Masaru Nakamura

all of: c/o National Institute for Research

in Inorganic Materials

No. 1, Namiki 1-chome, Tsukuba-shi,

Ibaraki, Japan

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: OPTICALLY FUNCTIONAL
DEVICE, SINGLE CRYSTAL SUBSTRATE FOR THE DEVICE AND METHOD FOR ITS USE

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on February 20 and 22, 2001

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, National Institute for Research in Inorganic Materials

(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

No. 1, Namiki 1-chome, Tsukuba-shi, Ibaraki, Japan,
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the
receipt whereof is hereby acknowledged, and for other good and valuable consideration,
I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and
exclusive right to the said invention in the United States and its territorial possessions and
in all foreign countries and the entire right, title and interest in and to any and all Letters
Patent which may be granted therefor in the United States and its territorial possessions
and in any and all foreign countries and in and to any and all divisions, reissues, continua-
tions, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED AT JAPAN

Date: <u>20. 02. 2001</u>	<u><i>Yasunori Furukawa</i></u> (Signature of Inventor) Yasunori Furukawa
Date: <u>20 02 2001</u>	<u><i>Kenji Kitamura</i></u> (Signature of Inventor) Kenji Kitamura
Date: <u>22, 02, 2001</u>	<u><i>Shunji Takekawa</i></u> (Signature of Inventor) Shunji Takekawa
Date: <u>22. 02. 2001</u>	<u><i>Masaru Nakamura</i></u> (Signature of Inventor) Masaru Nakamura
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

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