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

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Tetsuya Akasaka

Seigo Ando

Toshio Nishida

Naoki Kobayashi

Tadashi Saitoh

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Nippon Telegraph and Telephone CorporationAddress: 3-1 Otemachi 2-chome, Chiyoda-kuCity: Tokyo

State/Prov.: _____

Country: JAPANZIP: 100-8116

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: March 3, 2003

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

If this document is being filed together with a new application, the execution date of the application is: March 3, 2003

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Dana L. TangrenRegistration No. 37,246

Address: _____



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PATENT TRADEMARK OFFICE

City: _____ State/Prov.: _____

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6. Total number of applications and patents involved:

1

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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.

Dana L. Tangren

Name of Person Signing

Signature

March 17, 2003

Date

4

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PATENT
REEL: 013890 FRAME: 0894

Workman, Nydegger & Seeley
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

Form P4

ASSIGNMENT

I/We the under signed, hereinafter collectively referred to as "Assignor", are the inventors of
an invention entitled THIN FILM DEPOSITION METHOD OF NITRIDE
SEMICONDUCTOR AND NITRIDE SEMICONDUCTOR LIGHT EMITTING DEVICE

Preferred embodiments of said invention are disclosed in a United States patent application which:

☒ is executed concurrently herewith for filing in the United States Patent and Trademark
Office.

☐ was previously filed in the United States Patent and Trademark Office on
_____, Application Serial No. _____.

☐ is a United States National Application of PCT International Application No.
_____, filed _____.

The Assignee, NIPPON TELEGRAPH AND TELEPHONE CORPORATION, having a
principal place of business at 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116, Japan,
desires to secure the entire right, title and interest in said application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to
Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR
HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent
application and in all divisions, continuations and continuations-in-part of said

application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States and foreign countries.

The right to claim the benefits of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Full name of sole or first inventor

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