

11-06-2003

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Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): NEC Corporation</p>	<p>2. Name and address of receiving party(ies): Name: Ushiodenki Kubuahiki Kaisha Address: Asahi-Tokai Building, 19F 6-1, Otemachi, 2-chome, Chiyoda-ku Tokyo 100-0004 JAPAN Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: <u>July 22, 2002</u></p>	

<p>4. Application number(s) or patent number(s): A. Patent Application No.(s) _____ Filed: _____</p>	<p>B. Patent No.(s) 5,117,160 C1</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Perry J. Hoffman Michael Best & Friedrich LLC 401 North Michigan Avenue Suite 1900 Chicago, Illinois 60611 Phone: (312) 222-0800</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41):.....00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Deficiencies in fee charged to Deposit Account</p> <p>8. Deposit account number: <u>50-1965</u></p>
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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.

Perry J. Hoffman (Reg. No. 37,150)
Name of Person Signing _____ Signature _____ Date 10-30-03

Attorney File 202310-9011

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

cc: Docketing

11/05/2003 ECDOPER 00000042 5117160

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Additional Assignee

NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001
JAPAN

NEC\C0230901.1

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR
NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001, Japan

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

TITLE OF INVENTION:
RARE GAS DISCHARGE LAMP
(U.S. Patent No. 5,117,160 C1)

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE
NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo 108-8001, Japan (50%)
and
Ushiodenki Kabushiki Kaisha
Asahi-Tokai Building, 19F,
6-1, Otemachi 2-chome, Chiyoda-ku,
Tokyo 100-0004, Japan (50%)

(hereinafter referred to as ASSIGNEE), are desirous of acquiring in the above percentages, the 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 2)

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 22nd day of July, 2002.

SIGNATURE

By: Masao Maruyama

Masao Maruyama
Chief Manager
Planning Division
Intellectual Asset Operations Unit
NEC CORPORATION

WITNESS

[Signature]

WITNESS

[Signature]

(Assignment of Application for Patent – page 2 of 2)