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TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

100987317

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Hiromi NAKANISHI
- 2. Yoshiki KUHARA
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: SUMITOMO ELECTRIC INDUSTRIES, LTD.

ADDRESS: 5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

ASSIGNMENT OF WHOLE PART INTEREST

EXEC. DATE: December 28, 1998

CHANGE OF NAME ACCURATE TRANSLATION

SECURITY MERGER OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) December 28, 1998

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
New Application	257990				

5. Name & Address of Party to Whom Correspondence

Concerning Document Should be Mailed:

03/08/1999
03/15/1999
Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS _____ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 257990	K-345
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

UNDER ORDER NO	41267	257990
dup. sheet not required	CLIENT NO.	MATTER NO.

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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	2
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Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: GJP/slb

TEL: (202) 861-3070

Date: February 23, 1999

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

MRD 2/23/99

10612 U.S. PTO
09/255343
02/23/99

093160-05 (K-345)

Please return signed/recorded to:
Cushman Darby & Cushman
Intellectual Property Group of
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Ninth Floor, East Tower
1100 New York Avenue, N.W.
Washington, D.C. 20005-3918

For Inventions made outside USA
executed with or after application

USA Patent Appln.
Sole or Joint

Atty. Dkt. 257990 | K-345
 # Client Ref.

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Hiromi Nakanishi	(4)
	(2) Yoshiki Kuhara	(5)
	(3)	[] x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)
SUMITOMO ELECTRIC INDUSTRIES, LTD.
5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION
LD/PD MODULE AND LED/PD MODULE

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE →→
(Complete
line A, B and/or C)
(A) even date herewith
(B) on _____
(C) in U.S. Appln. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE →→ The undersigned hereby authorize(s) Cushman Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1) <u>Hiromi Nakanishi</u> Name: <u>Hiromi Nakanishi</u>	<u>Dec. 28, 1998</u>	<u>Shigeru Asako</u> Name: <u>Shigeru Asako</u>
2) <u>Yoshiki Kuhara</u> Name: <u>Yoshiki Kuhara</u>	<u>Dec. 28, 1998</u>	<u>Shigeru Asako</u> Name: <u>Shigeru Asako</u>
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

IF ADDITIONAL INVENTORS, check box and continue on page 2.