

12-31-2001



TO THE ASSISTANT COMMISSIONER

101928660

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

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

1. Kazuyoshi FUSE  
3. Kiyoyuki KAWAI  
5.  
7.

2. Masanobu KIMURA  
4. Ritsuo YOSHIDA  
6.  
8.

12/20/01

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

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

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, 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  
☐ ORIGINAL ☒ FACSIMILE/PHOTOCOPY  
☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION  
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: March 3, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 3, 20004.5 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 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
NEW	280465				
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:  <b>Pillsbury Winthrop LLP</b> <b>Intellectual Property Group</b> 1600 Tysons Boulevard McLean, VA 22102			6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL = <u>1</u>		
			7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40		
5.5 ATTY DKT:  P 280465			8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
MATTER NO.			UNDER ORDER NO		
CLIENT REF.			70120		
			280465		
			dup. sheet not required		
			CLIENT NO.		
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9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

Signature

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: GJP/TCS:rmb

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FILE WITH PTO RETURN RECEIPT (PAT-103A)

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02 FC:581

40.00 DP

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
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Washington, D.C. 20005-3918

USA Patent Appln.  
Sole or Joint

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257785  
M#

For Inventions made outside USA  
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FTV9904-US-A  
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) Kazuyoshi FUSE	(4) Ritsuo YOSHIDA
	(2) Masanobu KIMURA	(5)
	(3) Kiyoyuki KAWAI	[ ] 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)	KABUSHIKI KAISHA TOSHIBA
	72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, 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 SEMICONDUCTOR LIGHT EMITTING ELEMENT COUPLED WITH OPTICAL FIBER

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) Pillsbury Madison & Sutro, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)	DATE SIGNED	WITNESSES
1) <u>Kazuyoshi Fuse</u> Name: Kazuyoshi FUSE	<u>Mar. 3, 2000</u>	<u>[Signature]</u>
2) <u>Masanobu Kimura</u> Name: Masanobu KIMURA	<u>Mar. 3, 2000</u>	<u>[Signature]</u>
3) <u>Kiyoyuki Kawai</u> Name: Kiyoyuki KAWAI	<u>Mar. 3, 2000</u>	<u>[Signature]</u>
4) <u>Ritsuo Yoshida</u> Name: Ritsuo YOSHIDA	<u>Mar. 3, 2000</u>	<u>[Signature]</u>
5) _____ Name: _____	_____	_____

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