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To the Honorable Commissioner of Patents and Trademarks:

RJ

HEET

Atty. Docket No.: 0033-0733P Page 1 of 1

Please record the attached orig	inal documents or copy thereof.						
1. Name of conveying party(ies): MORIMOTO, Taiji	2. Name and address of receiving party(ies) Name: SHARP KABUSHIKI KAISHA						
Additional name(s) of conveying party(ies) attached? YES NO	Internal Address: Street Address: 22-22, Nagaike-cho, Abeno-ku, Osaka-shi						
3. Nature of conveyance:							
	City: Osaka State: ZIP:						
Security Agreement Change of Name	Country: JAPAN Postal Code:						
Other:	Additional name(s) & address(es) attached? YES NO						
Execution Date: June 6, 2001							
4. Application number(s) or patent number(s):							
If this document is being filed together with a new application, the	e execution date of the application is:						
June 6, 2001							
A. Patent Application No(s).	B. Patent No.(s).						
NEW 19/89/365							
Additional numbers attached? TYES NO							
5. Name and address of party to whom correspondence	6. Total No. of applications/patents involved: ONE (1)						
concerning document should be mailed:	7. Total fee (37 C.F.R. § 3.41): \$40.00						
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	⊠ Enclosed						
Street Address: P.O. BOX 747	Authorized to be charged to deposit account,						
City: FALLS CHURCH State: VA ZIP: 22040-0747	if no fee attached.						
Country: USA	8. Deposit account number: 02-2448						
	(Attach triplicate copy of this page						
	if paying by deposit account)						
DO NOT USE THIS SPACE							
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							
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Total number of pages including cover sheet, attachments, and document: THREE (3)

TCB/tf

June 27, 2001

07/02/2001 SZEWDIE1 00000083 09891365

Terrell C. Birch, #19,382 Name of Person Signing/Reg. No.

(Rev. 01/11/01)

United States Patent Rights, or United States plus All Foreign Patent Rights

ATTORNEY DOCKET NO.

0033-0733P

ASSIGNMENT

		Application No.	NEW		Filed	6/27/01
Insert Name(s)	→	WHEREAS,	Taiji	MORIMOTO		
of Inventor(s)						
		(hereinafter designated	as the undersig	ned) has (have) invented co	ertain new and useful impre	ovements in
Insert Title of Invention	→	GALLIUM NIT	RIDE BAS	ED LIGHT EMITT	ING ELEMENT	
		for which an application	n for Letters Pat	tent of the United States of	America has been executed	by the undersigned
Insert Date of Signing of Application	=	on June 6, 2	2001			; and
Insert Name of Assignee	***			o Kabushiki Kaisha		
r						
Insert Address of Assignee	⇒	of22-22, Naga	ike-cho, A	Abeno-ku, Osaka-sh	ni, Osaka, Japan	
CHECK BOX	-	acquiring the entire ri	ight, title and it for in the Unite	tives and assigns (hereinaf nterest in and to said inver ed States of America and	iter designated as the Assignation and in and to any Le	gnee) is desirous of tters Patent(s) that
		paid, the receipt of whi has (have) sold, assig Assignee the full and dependencies and po- which may be granted	ich is hereby ack med and transi exclusive right ssessions and th therefor in the	eration of the sum of Ten knowledged, and other goo ferred, and by these prese t to the said invention in the entire right, title and in United States of America, n any and all foreign coun	d and valuable consideration of the docs sell, assign and the United States of Amenterest in and to any and a list territories, dependence	on, the undersigned transfer unto said crica, its territories, all Letters Patent(s)
		and to any and all di		s, continuations and exter	nsions thereof for the ful	term or terms for

PATENT REEL: 011940 FRAME: 0955 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date <u>June 6, 2001</u>	Name of Inventor	Jaiji Morimato
Date	Name of Inventor	(signature) Taiji MORIMOTO (signature)
Date,	Name of Inventor	
Date,	Name of Inventor	
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date,	Name of Inventor	(signature)
Date	Name of Inventor	(signature)

RECORDED: 06/27/2001

PATENT REEL: 011940 FRAME: 0956