	A/0581.	40	09/913203 Docket No.: 362-58 PCT/USA
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Additional names(s) of conveying party(ies)	Yes X No		ress: 21, Saiin Mizosaki-cho, Ukyo-ku,
			YOTO 615-0045 Japan ames(s) & address(es)? YesX_ No
3. Nature of conveyance:		/ tuditional ne	165 <u></u> 165
X Assignment Merger Security Agreement Change of Other Execution Date: 1 August 2001	f Name		
4. Application number(s) or registration number	ers:	9/9	13203
If this document is being filed together with	a new applicati	on, the execut	ion date of the application is: 1 August 2001
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5. Name and address of party to whom corres	spondence	6. Total nun	nber of applications and patents involved: _1
concerning document should be mailed:		7. Total Fee	(37 CFR 3.41):\$ _40.00
Name: Gerald T. Bodner, Esq.	······································		·
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		By:	[] PCT Application [] Inventors or [] Present Owners
	ASSIGNMENT OF INV	ENTION	
In consideration of th (\$1.00), the receipt of which consideration,			NOR of the sum of One Dollar good and valuable
ASSIGNORS: (inventor(s) or per	son(s) or entity(ies) who own the inv	vention)	
	Hiroki ISHINAGA		- -
	Name c/o Rohm Co., Ltd. 21, Saiin Mizosaki-	cho, Uky	o-ku, Kyoto-shi,
	Address Kyoto 615-0045 Japa	ın	
	Japan		_
	Nationality		
(If assignment is by person or entity to following)	whom invention was previously ass	igned and thi	s was recorded in PTO add the
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hereby sells, assigns and tran	sfers to		
ASSIGNEE:	Rohm Co., Ltd.		
	(Type or print name of ASSIGNEE	3)	
	21, Saiin Mizosaki	-cho, Uk	yo-ku, Kyoto-shi,
	Address		
	Kyoto 615-0045 Japa	an	
	Japan		
	Nationality		
			Assignment of Invention - Page 1 of 3

and the successors	, assigns and	legal rep	resentatives	of the	ASSIGNEE
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(complete one of the following)

	[x]	the entire right, title and interest
	[]	an undivided percent (%) interest
	•••	
tor t	ne Unite	d States and its territorial possessions
	[x]	and in all foreign countries, including all rights to claim priority,
in an	d to any	and all improvements which are disclosed in the invention entitled:
	A CHIP	-TYPE LIGHT-EMITTING DEVICE WITH CASE
and v	which is	found in
		(check and complete (a), (b), (c), (d), (e), (f), or (g))
(a)	[x]	U.S. patent application executed on even date herewith
(b)	[]	U.S. patent application executed on
(c)	[]	U.S. provisional application naming the above inventor(s) for the above-identified
(0)	Lj	invention.
		[] Express Mail label No.:, mailed:
	[]	To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR
	l j	signing below, hereby authorize and request my attorney to insert below the filing
		date and application number when they become known
(d)	[]	
(u) (e)		U.S. application Serial No filed on International application No. PCT/_JP00/08591
(f)	{k} []	U.S. Patent No issued
(1)	()	A change of address to which correspondence is to be sent regarding patent
		maintenance fees is being sent separately.
(g)	[]	and any legal equivalent thereof in a foreign country, including the right to claim
(5)	f 1	priority
		Franco
and,	in and to	o, all Letters Patent to be obtained for said invention by the above application or any
conti	nuation,	division, renewal, or substitute thereof, and as to Letters Patent any re-issue or
		on thereof.
	ASSI	GNOR hereby covenants that no assignment, sale, agreement or encumbrance has

been or will be made or entered into which would conflict with this assignment.

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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

bove. Date: X August 1, 2001 Date of signing	X Heroka Assignor
(If ASSIGNOR is a legal entity, con	mplete the following information)
	Type or print the name of the above person authorized to sign on behalf of ASSIGNOR
	Title
NOTE: No witnessing, notarization or legalize prima facie evidence of execution 3	zation is necessary. If the assignment is notarized or legalized then it will only be 5 USC 261. Use next page if notarization is desired.
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