FORM PTO-1595

Name of conveying party(ies):

Hideki Matsubara Koji Katayama Toshihiko Takebe

Additional name(s) of conveying parties attached? □ Yes ■ No

Nature of conveyance:

- Assignment
- Merger
- □ Security Agreement □ Change of Name
- □ Other:

Execution Date(s): May 24, 1999

Osaka, JAPAN

ress of receiving party(ies):

Sumitomo Electric Industries, Ltd.

5-33, Kitahama 4-chome, Chuo-ku

Additional name(s) & address(es) attached? □ Yes ■ No.

4. Application number(s) or patent number(s): 09/336,764

Name:

Address:

If this document is being filed together with a new application, the execution date of the application is: 5/24/1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? □ Yes ■ No

Name and address of party to whom correspondence concerning document should be mailed:

Robert G. Weilacher Smith, Gambrell & Russell, LLP The Beveridge, DeGrandi, Weilacher & Young Intellectual Property Group 1850 M Street, N.W., Suite 800 Washington, D.C. 20036

Atty Docket No.: 033035.013

- 6. Total number of applications and patents involved (number):
- \$40.00
 - Enclosed
 - □ Charge to deposit account
 - □ Other:
 - Please charge any additional fees or credit overpayment to Deposit Account No. 02-4300
- 8. Deposit Account No.: 02-4300 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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

Robert G. Weilacher, Reg. No. 20,531

June 21, 1999

Name of Person Signing

Signature

Date

Total number of pages (including cover sheet, attachments and documents): 3

OMB No. 0651-0011

/30/1999 ASELLMAN 00000007 09336764

FC:581

40.00 OP

PATENT REEL: 010062 FRAME: 0916

ASSIGNMENT

This ass	signn	nent agr	reement is a	applicab	le to a	an inventio	on entitle	ed (Inve	ention Title)
WHITE CO	LOR	LIGHT	EMITTING	DIODE	AND	NEUTRAL	COLOR	LIGHT	EMITTING	G DIODE
			S referred		_					
(check one)	<i>i</i> –	a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.								
	-		atenti applic					filed		
			patent applic							•
	_		————							S natent
		applica	ation Serial	<u> </u>	u 011 1	if kr	nown).			o. patoni
		U.S. p	atent No.			, issued				
The PA	TENT	RIGHT	atent No S also inclu	ide all d	ivisio	ns, reissue	s, conti	nuation	s and exte	nsions of
the patents										
The PA	TENT	RIGHT	S assigned	under t	his ag	reement a	re:			
(check one)		•	•	•						
			wide patent				_			-
			the benefit		ling d	ate of any	U.S. or	foreign	patent ap	plication
T ! 10	0.01		s invention.					•		
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures appear on page 2 of this Assignment and any Supplemental Sheet(s).										9
_			_	_		•	Supplem	iental Si	heet(s).	
The ASSIGNEE referred to in this agreement is:										
(Name of Assignee) <u>SUMITOMO ELECTRIC INDUSTRIES</u> , LTD. (Address) <u>5-33</u> , Kitahama 4-chome, Chuo-ku, Osaka, Japan										
(Address)			-33, KILA	IIIama 4	-0110	iie, Giido	Ku, O	saka,	Japan	
The ASSIGI	NEE i	is:							· · · · · · · · · · · · · · · · · · ·	
(check one)		An Indiv	zidual.							
		A Partne	ership.							
							cify state o	or country)		
		(other)_						•	•	<u>, , , , , , , , , , , , , , , , , , , </u>
en	.									
The AS	SIGN	OR(S),	in consider	ation of	\$10.0	00 paid by	the AS	SIGNEE	, and othe	r good
and valuable	e coi	nsiderat	ion, receipt	of whic	ch is a	acknowled	ged, hei	reby ass	sign(s) the	following

rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and,

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

> **PATENT** REEL: 010062 FRAME: 0917

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: SUMITOMO ELECTRIC INDUSTRIES, LTD.

INVENTION TITLE: WHITE COLOR LIGHT EMITTING DIODE AND NEUTRAL COLOR
LIGHT EMITTING DIODE

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNORS authorize any attorneys and agents who have a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Hideki Matsubara	Hidiki Hakubara	May 24, 1999
Name of sole or first inventor	Signature	Date
Koji Katayama	Kaj Walnycine	May 24, 1999
Name of second inventor, if any	Signature	Date
Toshihiko Takebe	Toshilutzo Takele	May 24, 1999
Name of third inventor, if any	Signature	Date
Name of fourth inventor, if any	Signature	Date
Name of fifth inventor, if any	Signature	Date
Name of sixth inventor, if any	Signature	Date
Name of seventh inventor, if any	Signature	Date
Name of eighth inventor, if any	Signature	Date
Name of ninth inventor, if any	Signature	Date

9 1987, 1992 Beveridge, DeGrandi, Weilacher & Young

RECORDED: 06/21/1999

PATENT REEL: 010062 FRAME: 0918