Form PTO-1595 RECORDATION F 10-23-2001



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Patents & Trademark Office

Attorney Docket No. 108915-00002 Date: September 28, 2001

To the Commissioner of Patents Please record the attached original documents or copy thereof			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) O9/889,591 Additional numbers attached? Yes No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arent Fox Kintner Plotkin & Kahn PLLC Street Address: 1050 Connecticut Avenue, N.W., Suite 400 Washington, D.C. 20036-5339 02/2001 UEDUVIJE 00000076 09889591 FC:381 40.00 DP	6. Total number of applications and patents involved: One 7. Total fee (37 CFR 3.41)\$ 40.00 ☐ Included in attached Check No. 326389. ☐ Any additional fees are authorized to be charged to deposit account 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account)		
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. Douglas H. Goldhush			

PATENT REEL: 012260 FRAME: 0156

Docket No.	108915-00002
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)] Taiho Industries Co., Ltd. 21-44, Takanawa 2-chome, Minato-ku,

Tokyo 108-0074, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

(*If the assignment is being filed after the filing of the application, this section must be completed] NOVEL CARBAZOLE DERIVATIVE LUMINESCENT COMPOUND

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on

August 2, 2001, Serial No.

09/889,591

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

Takao hakaya	Tadao NAKAYA	Aug. 16, 2001
(SIGNATURE)	(TYPE NAME)	(DATE)
Takar Janauchi	Takao YAMAUCHI	August 16,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
AKTO Tajuma	Akio TAJIMA	August 16,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
Kidemasu Mouri	Hidemasa MOURI	August 16,2001
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

NO LEGALIZATION REQUIRED

RECORDED: 09/28/2001

PATENT REEL: 012260 FRAME: 0157