Additional name(s) of conveying party(ies) attached? Yes No No	Form-PTO-1595	TRANSMI	04-29	-2002	ATION		
To the Commissioner of Patents and 10207 1667 imal documents or copy thereof.	1-31-92				Atty. De		111
1. Name of conveying party(ies): BING R. HSIEH, XIAO-CHANG LI and ALAN SELLINGER Additional name(s) of conveying party(ies) attached? Ves	To the Commissioner of				inal documents or conv		114
BING R. HSIEH, XIAO CHANG LI and ALAN SELLINGER Additional name(s) of conveying party(ies) attached? Yes	} 	11	/) /				<u>-</u>
3. Nature of conveyance: Assignment	BING R. HSIEH, XIAO-CHAN	NG LI and 4	18102	i		Ĕ	16.00
Assignment Change of Name Domestic Address: Execution Date: March 19, 2002; April 10, 2002 and April 9, 2002 April 9, 2002 April 9, 2002 April 10, 2002 and April 9, 2002: April 10, 2002 and April 9, 2002: April 10, 2002 and April 9, 2002: APRIL 12, 2002 and April 9, 2002: APRIL 12, 2002 and April 9, 2002: APRIL 12, 2002 and April 9, 2002: APRIL 13, 2002 Additional name(s) & address(es) attached? Yes X April 10, 2002 and April 9, 2 B. Title of Invention: SEMICONDUCTING HOLE INJECTION MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES Additional numbers attached? Yes X Additional name(s) & address(es) attached? Yes X April 10, 2002 and April 9, 2 B. Title of Invention: SEMICONDUCTING HOLE INJECTION MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES Additional numbers attached? Yes X One 7. Total fee (37 CFR 3.41): \$ 120.00 Enclosed Authorized to be charged to deposit account mumber (for deficiency or excess) Passimile No: (212) 218-2100 Facsimile No: (212) 218-2200 Authorized to be charged to deposit account number (for deficiency or excess) One 7. Total fee (37 CFR 3.41): \$ 120.00 Authorized to be charged to deposit account number (for deficiency or excess) One 7. Total fee (37 CFR 3.41): \$ 120.00 Authorized to be charged to deposit account number (for deficiency or excess) One Statement and signature. To the hest of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. Brendam Mee, Reg. No. 43,391 April 17, 2002 Excention.			ed?	Foreign Address: _	30-2, Shimomaruko 3-cho Tokyo, Japan	ome, Ohta-ku	7
April 9, 2002 City: State ZIP Additional name(s) & address(es) attached?	X Assignment Security Agreement		me	Domestic Address:			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution dates of the application are: March 19, 2002. April 10, 2002 and April 9, 2 April 10, 2002 and April 9, 2 B. Title of Invention: SEMICONDUCTING HOLE INJECTION MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick. Cella, Harper & Scinto 30 Rockefeller Plaza New York, New York 10112-3801 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200 Yes No 7. Total fee (37 CFR 3.41): \$ 120.00 Attach duplicate copy of this page if paying by deposit account number (for deficiency or excess) Yes No Additional numbers attached? One 7. Total fee (37 CFR 3.41): \$ 120.00 Authorized to be charged to deposit account number (for deficiency or excess) Authorized to be charged to deposit account number (for deficiency or excess) Yes No One 7. Total fee (37 CFR 3.41): \$ 120.00 Authorized to be charged to deposit account number (for deficiency or excess) One Yes No One One One One Yes No One One One One One One One On			and	City:	State	ZIP	
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Name: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza New York, New York 10112-3801 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200 Facsimile No.: (212) 218-2200 Facsimile No.: (212) 218-2200 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. Brendan Mee, Reg. No. 43,391 April 17, 2002			ce			red:	
30 Rockefeller Plaza 7. Total fee (37 CFR 3.41): \$ 120.00	Name: Fitzpatrick, C	Cella, Harper & Sci	into		One		
New York, New York 10112-3801 Telephone No.: (212) 218-2100 Facsimile No.: (212) 218-2200 Facsimile No.: (212) 218-2200 M26/2002 LMELLER 00000190 10124236 FC:581 40.00 OP DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. Brendan Mee, Reg. No. 43,391 Manual Manual Manual April 17, 2002				7. Total fee (37 CF	FR 3.41): \$	120.00	
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Facsimile No.: (212) 218-2200 (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (Attach duplicate copy of this page if paying by deposit account (
Attach duplicate copy of this page if paying by deposit account/26/2002 LMELLER 00000190 10124236 FC:581 40.00 OP DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document. Brendan Mee, Reg. No. 43,391 April 17, 2002	-			(1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		<u> </u>	
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NY MAIN 253845v1 Total number of pages including cover sheet, attachments, and documents.	true copy of the original docume Brendan Mee, Reg. No. 43,391 Name of Person Signing	mt.	Signat	n Nue	April 17, Date	ent or is a 20002 Per CHECK Refund Total:	

REEL: 012825 FRAME: 0441

ASSIGNMENT

FOR VALUE RECEIVED, I Bing R. Hsieh

citizen of the United States of America

residing at 1092 Hrezent View Lane, Webster, New York 14580

hereby sell, assign, transfer and convey unto

Canon Kabushiki Kaisha

a corporation of

Japan

having a place of business at

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignce"), the entire right, title and interest, for all countries, in and to certain inventions relating to

SEMICONDUCTING HOLE INJECTION MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES

by Bing R. Hsieh, Xiao-Chang Li and Alan Sellinger (Attorney Docket No. 03650.001014)

and described in an application for Letters Patent of the United States filed herewith and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignce or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto so		19th day of March, 2002. Bills. Hsieh
)) ss.:) a r C h bed in and who executed th	, 2002, before me personally appeared Bing R. Hsieh to be foregoing instrument, and who thereupon acknowledged to me

NARGARET A. WAGAR
NOTIFIED IN MONROE COUNTY
REG. NO. 01WA6027601
MY COMM. EXPIRES JULY 12, 20

Notary Public (Notary Stamp)

PATENT REEL: 012825 FRAME: 0442

NY MAIN 243750v1

ASSIGNMENT

FOR VALUE RECEIVED, I Xiao-Chang Li

citizen of the Peoples Republic of China

residing at 4820 Gina Way, Union City, California 94587

hereby sell, assign, transfer and convey unto

Canon Kabushiki Kaisha

a corporation of

Japan

having a place of business at

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to

SEMICONDUCTING HOLE INJECTION MATERIALS FOR ORGANIC LIGHT EMITTING DEVICES

by Bing R. Hsieh, Xiao-Chang Li and Alan Sellinger (Attorney Docket No. 03650.001014)

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AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto set	my hand and seal this	th day of April	, 2002.
	Xiao Chang	e hovered to	L.S
STATE OF CALIFORNIA)) ss.:		
COUNTY OF Santa Claro			
On this day of	Soul	, 2002, before me personally appear	red Xiao-Chang L
to me known and known to me to be the individual descr me that he executed the same for the purposes therein se		oregoing instrument, and who thereupo	on acknowledged to
(Seal)			
MMGI S. GUC COMM. # 128569 NOTANY PUBLIC • CALS ALAMEDA COUNT Comm. Exp. NOV. 28	1 100000A	Notary Public (Notary Stamp)	
NY MAIN 243750v1	· · · ·	\	

PATENT REEL: 012825 FRAME: 0443

ASSIGNMENT

FOR VALUE RECEIVED, I Alan Sellinger

citizen of the United States of America

residing at 939 Lee Drive, Meno Park, California 94025

A.S

hereby sell, assign, transfer and convey unto

Canon Kabushiki Kaisha

a corporation of

Japan

having a place of business at

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146, Japan

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(Seal)

NY_MAIN 243750 v 1

Notary Public

(Notary Stamp

GLORIAL HAVING Commission & 130732

RECORDED: 04/18/2002

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