



To the Commissioner of Patents and

102071667

inal documents or copy thereof.

1. Name of conveying party(ies):

BING R. HSIEH, XIAO-CHANG LI and  
ALAN SELLINGER

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku

Tokyo, Japan

Domestic Address: \_\_\_\_\_

City: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: March 19, 2002; April 10, 2002 and  
April 9, 2002

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, 2002

A. Patent Application Number:

Filing Date: April 18, 2002

B. Title of Invention:

SEMICONDUCTING HOLE INJECTION  
MATERIALS FOR ORGANIC LIGHT  
EMITTING DEVICES

Additional numbers attached?  Yes  No

10/124236

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

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . . \$ 120.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account)

04/26/2002 LMUELLER 00000190 10124236

01 FC:581

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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

Name of Person Signing

Signature

April 17, 2002

Date

NY MAIN 253845v1

Total number of pages including cover sheet, attachments, and documents: 4

04/26/2002 LMUELLER 0000116-91

\$80.00

CHECK Refund Total:

PATENT



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)

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 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.

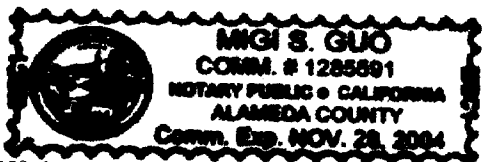
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10th day of April, 2002.

Xiao-Chang Li L.S.

STATE OF CALIFORNIA ) )
COUNTY OF Santa Clara ) ss.:

On this 10th day of April, 2002, before me personally appeared Xiao-Chang Li to me known and known to me to be the individual described in and who executed the foregoing instrument, and who thereupon acknowledged to me that he executed the same for the purposes therein set forth.

(Seal)



NY MAIN 243750v1

Notary Public (Notary Stamp)

ASSIGNMENT

FOR VALUE RECEIVED, I Alan Sellinger

citizen of the United States of America

residing at 939 Lee Drive, Menlo 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

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)

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 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 9th day of April, 2002.

Alan Sellinger April 9th 2002 U.S.

STATE OF CALIFORNIA ) )
COUNTY OF Santa Clara ) ss.:

On this 9th day of April, 2002, before me personally appeared Alan Sellinger to me known and known to me to be the individual described in and who executed the foregoing instrument, and who thereupon acknowledged to me that he executed the same for the purposes therein set forth.

(Seal)

Gloria A. Harris
Notary Public
(Notary Stamp)

