# 101049541 RECORDATION FORM CO

PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof

Name(s) of conveying party:

International Business Machines Corporation

2. Name and address of receiving party:

The Board of Trustees of The Leland Stanford Junior University 900 Welch Road, Suite 350 Palo Alto, California 94304

3. Nature of conveyance:

**Assignment** 

Execution Date: October 13, 1998

4. Application number:

08/888,172

Docket No.:

AM9-97-063

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed):

5. Name and address of party to whom correspondence concerning Assignment should be mailed:

> Thomas R. Berthold IBM Corporation Intellectual Property Law (C4TA/J2B) 650 Harry Road San Jose, CA 95120-6099

- 6. Total number of applications involved:
- 7. Total fee (37 CFR 3.41) = \$40.00
- 8. Charge fee to Deposit Account No. <u>09-0441</u>

DO NOT USE THIS SPACE 05/27/1999 MTHAI1 00000154\090441 08888172

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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.

Thomas R. Berthold

**PATENT** 

REEL: 009978 FRAME: 0614

# **ASSIGNMENT**

Whereas, we,

(1) WEIDONG CHEN

City of Sunnyvale
Country of Santa Clara
State of California

(3) ROBERT DENNIS MILLER

City of San Jose
Country of Santa Clara
State of California

(2) GERRIT KLAERNER

City of San Jose
Country of Santa Clara
State of California

(4) JOHN CAMPBELL SCOTT

City of Los Gatos
Country of Santa Clara
State of California

have invented certain improvements in (Title of Invention):

### POLYMERIC LIGHT-EMITTING DEVICE

and executed a United States patent application therefor, the said United States patent application having been assigned serial number <u>08/888,172</u> and having been granted a filing date of <u>July 3, 1997</u>; and

Whereas, the said Inventors have assigned the entire right, title and interest in the said United States patent application and invention, and to any United States and foreign patents to be obtained therefor, to INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), by means of an Assignment, the said Assignment having been duly recorded by the United States Patent and trademark Office pursuant to 37 C.F.R. § 3.11, on reel **9013** and frame **0338-0340**; and

Whereas, IBM and THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, duly organized under and pursuant to the laws of California, and having its principal place of business at 900 Welch Road, Suite 350, Palo Alto, California 94304, (hereinafter called STANFORD), desire jointly to hold the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor:

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the below named officer of IBM, having signatory authority on behalf of IBM, hereby sell, assign, and transfer to STANFORD, its successors and assigns, an undivided fifty percent (50%) interest in the United States patent application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application.

Signed at

Arlington, Virginia on 13 October, 1998.

Signature

Jeffrey L. Forman

Manager, Intellectual Property Law

Information Services

PATENT REEL: 009978 FRAME: 0615

I, Marshall C. Phelps, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations representatives; declarations; documents relating to maintenance defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations, and evidence of such assignments; request for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Jeffrey L. Forman, Manager, Information Services, Intellectual Property Law, Washington.

Date:

Marshall C. Phelps, Jr/

Vice President - Intellectual Property & Licensing

International Business Machines Corporation

PATENT REEL: 009978 FRAME: 0616

## ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, DC 20231

Docket No. <u>AM9-97-063</u>

SIR:

Transmitted herewith for filing in the Application of: W. Chen, et al. Serial No.: 08/888,172

POLYMERIC LIGHT-EMITTING DEVICE

are the following:

sheets of formal drawings Amendment Amendment after Final Rejection Request for Reconsideration of Final Rejection Response to Restriction Requirement Letter to Drawing Review Branch Certificate of Correction Other (specify)

NO ADDITIONAL FEE IS REQUIRED

Information Disclosure Statement **Declaration and Power of Attorney** 

✓ Assignment of the Invention (\$40.00) Notice to File Missing Parts (\$130.00) Petition for Extension of Time (\$110.00) Issue Fee (\$1,290.00) Notice of Appeal (\$300.00 Appeal Brief (\$300.00)

OTHER THAN A SMALL ENTITY	Claims Remaining After Amendment	Highest No. Previously Paid for	Extra	Rate	Additional Fee
SUBTOTAL FROM ABOVE				-	\$40.00
TOTAL CLAIMS				× 22 =	
INDEPENDENT CLAIMS				× 80 =	
MULTIPLE DEP. CLAIM PRESENTED +260 =					
				TOTAL	\$ 40.00

- Please charge my Deposit Account No. <u>09-0441</u> in the amount of \$ 40.00. A duplicate copy of this sheet is attached.
- The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit Account No. 09-0441. A duplicate copy of this sheet is attached.

#### CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Chal Ruby

Date of Deposit:

May 19, 1999

Person mailing paper/fee:

Cheryl Ruby

Respectfully submitted,

W. Chen, et al.

Thomas R. Berthold (#28.689)

Attorney for Applicant(s)

Telephone (408) 927-3365

**IBM** Corporation

Intellectual Property Law

Dept. C4TA/J2B

650 Harry Road

San Jose, CA 95120-6099

**PATENT** 

REEL: 009978 FRAME: 0617

# ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, DC 20231

Docket No. <u>AM9-97-063</u> (PATENT)

SIR:

Transmitted herewith for filing in the Application of: W. Chen, et al. Serial No.: 08/888,172

Title: POLYMERIC LIGHT-EMITTING DEVICE

are the following:

\_\_\_ sheets of formal drawings
Amendment
Amendment after Final Rejection
Request for Reconsideration of Final Rejection
Response to Restriction Requirement
Letter to Drawing Review Branch
Certificate of Correction
Other (specify)

NO ADDITIONAL FEE IS REQUIRED

Information Disclosure Statement
Declaration and Power of Attorney

✓ Assignment of the Invention (\$40.00)
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Appeal Brief (\$300.00)

OTHER THAN A SMALL ENTITY	Claims Remaining After Amendment	Highest No. Previously Paid for	Extra	Rate	Additional Fee
SUBTOTAL FROM ABOVE					\$40.00
TOTAL CLAIMS				× 22 =	
INDEPENDENT CLAIMS				× 80 =	
MULTIPLE DEP. CLAIM PRESENTED +260 =					
				TOTAL	\$ 40.00

- ✓ Please charge my Deposit Account No. <u>09-0441</u> in the amount of <u>\$ 40.00</u>. A duplicate copy of this sheet is attached.
- ✓ The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or any patent application processing fees under 37 CFR 1.17 in association with this communication or credit any overpayment to Deposit Account No. <u>09-0441</u>. A duplicate copy of this sheet is attached.

## <u>CERTIFICATE OF MAILING</u>

RECORDED: 05/24/1999

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231

Just Kuby

Date of Deposit:

May 19, 1999

Person mailing paper/fee:

Cheryl Ruby

Signature

IBM Corporation Intellectual Property Law Dept. C4TA/J2B

Attorney for Applicant(s) Telephone (408) 927-3365

Respectfully submitted,

Thomas R. Berthold (#28,689)

W. Chen, et al.

San Jose, CA 95120-6099

650 Harry Road

PATENT REEL: 009978 FRAME: 0618