

12-10-2001



R SHEET

U.S. DEPARTMENT OF COMMERCE

LY

Patent and Trademark Office

Tab settings → → → ▼

101910646

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Lars W. Liebmann
Carlos A. Fonseca
Ioana Graur
Young O. Kim

11-29-01

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 11-26-01, 11-26-01, 11-19-01, 11-26-01

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

Name: International Business Machines Corporation

Internal Address: _____

Street Address: New Orchard RoadCity: Armonk State: NY ZIP: 10504Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

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

11-26-01, 11-26-01
11-19-01, 11-26-01

EXPRESS MAIL NO. 1
 I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING
 DEPOSITED WITH THE U.S. POSTAL SERVICE AS EXPRESS
 MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF
 PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231
 APPLICANT AND/OR ATTORNEY REQUESTS THE DATE OF
 DEPOSIT AS THE FILE DATE.

DATE OF DEPOSIT: 11/29/01

BY SIGNATURE & DATE: Steven Ling-Mera 11/29/01

B. Patent No.(s)

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

Name: Todd M. C. LiInternal Address: Zip 482International Business Machines CorporationStreet Address: 2070 Route 52City: Hopewell Junction State: NY ZIP: 125336. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458 FI-668

(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 true copy of the original document.

Todd M. C. Li, Reg. No. 45,554

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT

REEL: 012342 FRAME: 0672

ASSIGNMENT

Whereas, we

Inventor and City	(1) Lars W. Liebmann County of Dutchess	City of Poughquag and State of New York
and	(2) Carlos A. Fonseca County of Richmond	City of Staten Island and State of New York
and	(3) Ioana Graur County of Dutchess	City of Poughkeepsie and State of New York
and	(4) Young O. Kim County of Santa Clara	City of San Jose and State of California

have invented certain improvements in

Title

PRIORITY COLORING FOR VLSI DESIGNS




Dates That Inventors and have executed, respectively, a United States patent application therefor on

Signed the Declaration	(1) 11/26/2001	2001, and (2)	11/26	2001, and
	(3) 11/19/01	2001, and (4)		2001

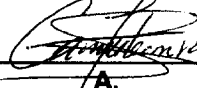
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

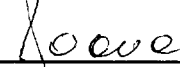
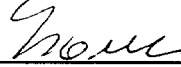
City Date (1) Signed at East Fishkill, NY
on 11/26/2001

			signature) inventor
(Lars	W.	Liebmann	
First Name	Middle Initial	Last Name	


City Date (2) Signed at East Fishkill, N.Y.
on 11/26/2001

	signature) inventor	
(Carlos		
First Name	A.	Fonseca
Middle Initial	Last Name	

City Date (3) Signed at E. FISHKILL N.Y.
on 11/19/01

		signature) inventor
(Ioana	Graur	
First Name	Middle Initial	Last Name

City Date (4) Signed at
on

	signature) inventor	
(Young		
First Name	O.	Kim
Middle Initial	Last Name	

ASSIGNMENT

Whereas, we

Inventor and City	(1) Lars W. Liebmann County of Dutchess	City of Poughquag and State of New York
and	(2) Carlos A. Fonseca County of Richmond	City of Staten Island and State of New York
and	(3) Ioana Graur County of Dutchess	City of Poughkeepsie and State of New York
and	(4) Young O. Kim County of Santa Clara	City of San Jose and State of California

have invented certain improvements in

Title

PRIORITY COLORING FOR VLSI DESIGNS

Dates That Inventors and have executed, respectively, a United States patent application therefor on

Signed the Declaration	(1)	2001, and (2)	2001, and
	(3)	2001, and (4)	2001

11-26,

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire 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, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

City Date (1) Signed at on

(	Lars	W.	Liebmann	) signature
	First Name	Middle Initial	Last Name	) inventor

City Date (2) Signed at on

(	Carlos	A.	Fonseca	) signature
	First Name	Middle Initial	Last Name	) inventor

City Date (3) Signed at on

(	Ioana		Graur	) signature
	First Name	Middle Initial	Last Name	) inventor

City Date (4) Signed at on *San Jose, CA*
11-26, 2001

(	<i>Young</i>	<i>O.</i>	<i>Kim</i>	) signature
	First Name	Middle Initial	Last Name	) inventor