

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kuan-Neng Chen	12/07/2007
John Christopher Arnold	12/07/2007
Niranjana Ruiz	12/10/2007

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11968778

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

YOR920070587US1

NAME OF SUBMITTER:

Wayne L. Ellenbogen

Total Attachments: 2

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PATENT

REEL: 020311 FRAME: 0914

500431272

OP \$40.00 11968778

ASSIGNMENT

Docket No. YOR920070587US1

INVENTOR
AND CITY

Whereas, we

(1) **Kuan-Neng Chen**
County of Westchester
and (2) **John Christopher Arnold**
County of Columbia
and (3) **Niranjana Ruiz**
County of Westchester

of White Plains,
and State of New York,
of North Chatham,
and State of New York,
of White Plains,
and State of New York,

have invented certain improvements in

TITLE

METHODS OF FORMING FEATURES IN INTEGRATED CIRCUITS

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) Dec 7, 2007, (2) Dec 7, 2007,
(3) _____, 2007.

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;

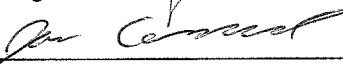
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all 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 inventions 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.

Signed and sealed



Kuan-Neng Chen

on Dec 7, 2007



John Christopher Arnold

on Dec 7, 2007

Niranjana Ruiz

on _____, 2007

ASSIGNMENT

Docket No. YOR920070587US1

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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 in all 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 inventions 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.

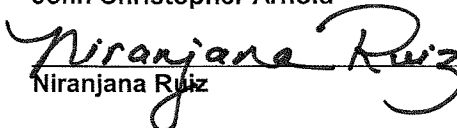
Signed and sealed

Kuan-Neng Chen

on _____, 2007

John Christopher Arnold

on _____, 2007


Niranjana Ruiz

on Dec. 10, 2007