

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alan G. Gara	07/27/2007
Dong Chen	07/25/2007
Philip Heidelberger	07/25/2007
Martin Ohmacht	07/27/2007

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:	11768527

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

YOR920070340US1 (21295)

NAME OF SUBMITTER:

Steven Fischman

Total Attachments: 2

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PATENT

REEL: 019653 FRAME: 0232

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CH \$40.00 11768527

IBM Docket No.: YOR920070340US1
SSMP: 21295

ASSIGNMENT

Whereas, we

Inventor and City	(1) Alan G. Gara County of Westchester	City of Mount Kisco and State of New York
and	(2) Dong Chen County of Westchester	City of Croton On Hudson and State of New York
and	(3) Phillip Heidelberger County of Westchester	City of Cortlandt Manor and State of New York
and	(4) Martin Ohmacht County of Westchester	City of Yorktown Heights and State of New York

have invented certain improvements in

Title

COMBINED GROUP ECC PROTECTION AND SUBGROUP PARITY PROTECTION

Dates That
Inventors
Signed the
Declaration




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


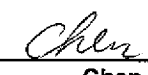
(1)	July 27,	2007, and (2)	July 25	2007,
(3)	July 25,	2007, and (4)	July 27	2007.

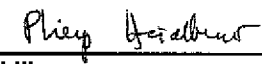
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

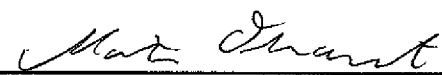
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign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

ASSIGNMENT

City (1) Signed at Yorktown Heights, NY
Date on 7/27/2007
   signature
(Alan First Name G. Middle Initial Gara Last Name) inventor

City (2) Signed at Yorktown Heights, NY
Date on 7/25/2007
  signature
(Dong First Name Chen Last Name) inventor

City (3) Signed at Yorktown Heights, NY
Date on 7/25/2007
 signature
(Philip First Name Heidelberg Last Name) inventor

City (4) Signed at Yorktown Heights, NY
Date on 7/27/2007
 signature
(Martin First Name Ohmacht Last Name) inventor