

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CHARLES J. ALPERT</td> <td>11/16/2007</td> </tr> <tr> <td>ZHUO LI</td> <td>11/16/2007</td> </tr> <tr> <td>TAO LUO</td> <td>11/16/2007</td> </tr> <tr> <td>DAVID A. PAPA</td> <td>11/16/2007</td> </tr> <tr> <td>CHIN NGAI SZE</td> <td>11/16/2007</td> </tr> </tbody> </table>		Name	Execution Date	CHARLES J. ALPERT	11/16/2007	ZHUO LI	11/16/2007	TAO LUO	11/16/2007	DAVID A. PAPA	11/16/2007	CHIN NGAI SZE	11/16/2007
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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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11941418</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11941418								
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Application Number:	11941418												
CORRESPONDENCE DATA													
Fax Number:	(512)343-6446												
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ATTORNEY DOCKET NUMBER:	AUS920070813US1												
NAME OF SUBMITTER:	CARLOS E. AMORIN												

CH \$40.00 11941418

Total Attachments: 2
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**PATENT
 REEL: 020127 FRAME: 0161**

AUS920070813US1

ASSIGNMENT

Whereas, we,

(1) CHARLES J. ALPERT
Country of ~~TRAVIS~~ *WILLIAMSON*

of CEDAR PARK
and State of TEXAS

(2) ZHUO LI
County of WILLIAMSON

of CEDAR PARK
and State of TEXAS

(3) TAO LUO
County of TRAVIS

of AUSTIN
and State of TEXAS

(4) DAVID A. PAPA
County of TRAVIS

of AUSTIN
and State of TEXAS

(5) CHIN NGAI SZE
County of ~~TRAVIS~~ *WILLIAMSON*

of AUSTIN
and State of TEXAS

have invented certain improvements in

**IMPROVED METHOD FOR INCREMENTAL, TIMING-DRIVEN, PHYSICAL-
SYNTHESIS OPTIMIZATION UNDER A LINEAR DELAY MODEL**

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

(Dates Inventors Signed Declaration) (1) 11/16, 2007; (2) 11/16, 2007;
(3) 11/16, 2007; (4) 11/16, 2007; (5) 11/16, 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 therefore;

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 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.

(1) Signed at Austin on 11/16, 2007.
(City) (Date)

Charles J. Alpert
CHARLES J. ALPERT

AUS920070813US1

(2) Signed at Austin on 11/16/2007 2007
(City) (Date)

ZHUO LI

(3) Signed at Austin on 11/16/2007 2007
(City) (Date)

TAO LUC

(4) Signed at Austin on 11/16/2007 2007
(City) (Date)

DAVIDA PAPA

(5) Signed at Austin on 11/16/2007 2007
(City) (Date)

CHIN NGAI SZE