

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>Anthony Correale Jr.</td> <td>08/25/2008</td> </tr> <tr> <td>Matthew W. Baker</td> <td>08/25/2008</td> </tr> <tr> <td>Benjamin J. Bowers</td> <td>08/26/2008</td> </tr> <tr> <td>Irfan Rashid</td> <td>08/26/2008</td> </tr> <tr> <td>Paul M. Steinmetz</td> <td>08/26/2008</td> </tr> </tbody> </table>		Name	Execution Date	Anthony Correale Jr.	08/25/2008	Matthew W. Baker	08/25/2008	Benjamin J. Bowers	08/26/2008	Irfan Rashid	08/26/2008	Paul M. Steinmetz	08/26/2008
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Benjamin J. Bowers	08/26/2008												
Irfan Rashid	08/26/2008												
Paul M. Steinmetz	08/26/2008												
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>12200076</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12200076								
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Application Number:	12200076												
CORRESPONDENCE DATA													
Fax Number:	(512)301-7301												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	512-692-7297												
Email:	clara.wallin@sonlaw.com												
Correspondent Name:	Schubert Osterrieder & Nickelson PLLC												
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Address Line 4:	Austin, TEXAS 78749												
ATTORNEY DOCKET NUMBER:	RPS920080158US1(4310)												
NAME OF SUBMITTER:	Jeffrey S. Schubert												

CH \$40.00 12200076

Total Attachments: 8

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IBM Docket No.: RPS920080158US1(4310)

ASSIGNMENT

Whereas, we,

- (1) Anthony Correale Jr. of Raleigh
County of Wake and State of North Carolina
- (2) Matthew W. Baker of Holly Springs
County of Wake and State of North Carolina
- (3) Benjamin J. Bowers of Carv
County of Wake and State of North Carolina
- (4) Irfan Rashtid of Gary
County of Wake and State of North Carolina
- (5) Paul M. Steinmetz of Holly Springs
County of Wake and State of North Carolina

have invented certain improvements in

CLOSED-LOOP 1XN VLSI DESIGN SYSTEM

and executed, respectively, a United States patent application therefore on (~~Dates Inventors Signed Declaration~~) (1) August 25, (2008); (2) _____, (2008); (3) _____, (2008); (4) _____, (2008); and (5) _____, (2008).

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

IBM Docket No.: RPS920080158US1(4310)

(1) Signed at Raleigh on August 25, 2008.
(City) (Date)

Anthony Correale Jr.
Anthony Correale Jr.

(2) Signed at _____ on _____, 2008.
(City) (Date)

Matthew W. Baker

(3) Signed at _____ on _____, 2008.
(City) (Date)

Benjamin J. Bowers

(4) Signed at _____ on _____, 2008.
(City) (Date)

Irfan Rashid

(5) Signed at _____ on _____, 2008.
(City) (Date)

Paul M. Steinmetz

IBM Docket No.: RPS920080158US1(4310)

ASSIGNMENT

Whereas, we,

- | | |
|----------------------------------------------------------|---------------------------------------------------------------|
| (1) <u>Anthony Correale Jr.</u>
County of <u>Wake</u> | of <u>Raleigh</u>
and State of <u>North Carolina</u> |
| (2) <u>Matthew W. Baker</u>
County of <u>Wake</u> | of <u>Holly Springs</u>
and State of <u>North Carolina</u> |
| (3) <u>Benjamin J. Bowers</u>
County of <u>Wake</u> | of <u>Cary</u>
and State of <u>North Carolina</u> |
| (4) <u>Irfan Rashid</u>
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and State of <u>North Carolina</u> |
| (5) <u>Paul M. Steinmetz</u>
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and State of <u>North Carolina</u> |

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(1) Signed at _____ on _____, 2008.
(City) (Date)

Anthony Correale Jr.

(2) Signed at Cary NC on 8/25, 2008.
(City) (Date)



Matthew W. Baker

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Benjamin J. Bowers

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Benjamin J. Bowers

(4) Signed at Raleigh on 8/26, 2008.
(City) (Date)

Irfan Rashid
Irfan Rashid

(5) Signed at RTP on 8/26, 2008.
(City) (Date)

Paul M. Steinmetz
Paul M. Steinmetz