

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Philip G. Shephard, III.</td><td>12/10/2007</td></tr><tr><td>Ravichander Ledalla</td><td>01/03/2008</td></tr><tr><td>Vasant Rao</td><td>12/10/2007</td></tr><tr><td>Jeffrey P. Soreff</td><td>12/06/2007</td></tr></tbody></table>		Name	Execution Date	Philip G. Shephard, III.	12/10/2007	Ravichander Ledalla	01/03/2008	Vasant Rao	12/10/2007	Jeffrey P. Soreff	12/06/2007
Name	Execution Date										
Philip G. Shephard, III.	12/10/2007										
Ravichander Ledalla	01/03/2008										
Vasant Rao	12/10/2007										
Jeffrey P. Soreff	12/06/2007										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11972923</td></tr></tbody></table>		Property Type	Number	Application Number:	11972923						
Property Type	Number										
Application Number:	11972923										
CORRESPONDENCE DATA											
Fax Number:	(512)823-1036										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	5128239667										
Email:	shrodrig@us.ibm.com										
Correspondent Name:	Diana R. Gerhardt										
Address Line 1:	11400 Burnet Road										
Address Line 2:	IBM-Intellectual Property Law										
Address Line 4:	Austin, TEXAS 78758-3493										
ATTORNEY DOCKET NUMBER:	AUS920070307US1										
NAME OF SUBMITTER:	Diana R. Gerhardt										
Total Attachments: 4											

CH \$40.00 11972923

500437914

PATENT
REEL: 020355 FRAME: 0354

source=AUS920070307US1_Assignment#page1.tif
source=AUS920070307US1_Assignment#page2.tif
source=AUS920070307US1_Assignment#page3.tif
source=AUS920070307US1_Assignment#page4.tif

ASSIGNMENT

Whereas, I/ we,

- | | | | | | |
|-----|--|--|-----|---|--|
| (1) | Philip G. Shephard III
County of: Williamson | City of: Round Rock
State of: Texas | (3) | Vasant Rao
County of: Dutchess | City of: Fishkill
State of: New York |
| (2) | Ravichander Ledalla
County of: Dutchess | City of: Beacon
State of: New York | (4) | Jeffery P. Soreff
County of: Dutchess | City of:
Poughkeepsie
State of: New York |

have invented certain improvements in

System and Method for Improved Hierarchical Analysis of Electronic Circuits

and executed a United States patent application therefor on the following date(s):

- | | | | |
|-----|-----------------------------|-----|-----------------|
| (1) | <u>12/10/2007</u>
(Date) | (3) | _____
(Date) |
| (2) | _____
(Date) | (4) | _____
(Date) |

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Austin Texas</u>	<u>12/10/2007</u>	<u>Philip G. Shephard III</u> Philip G. Shephard III
(2)	_____	_____	_____ Ravichander Ledalla
(3)	_____	_____	_____ Vasant Rao
(4)	_____	_____	_____ Jeffery P. Soreff

PATENT

ASSIGNMENT

Whereas, I/ we,

- | | | | |
|--|---|---|--|
| (1) Philip G. Shephard III
County of: Williamson | City of: Round Rock
State of: Texas | (3) Vasant Rao
County of: Dutchess | City of: Fishkill
State of: New York |
| (2) Ravichander Ledalla
County of: Dutchess | City of: Fishkill
State of: New York | (4) Jeffrey P. Soreff
County of: Dutchess | City of:
Poughkeepsie
State of: New York |

have invented certain improvements in

System and Method for Improved Hierarchical Analysis of Electronic Circuits


and executed a United States patent application therefor on the following date(s):

- | | |
|--|---------------------|
| (1) _____
(Date) | (3) _____
(Date) |
| (2) <u>JANUARY 3rd, 2008</u>
(Date) | (4) _____
(Date) |

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	Philip G. Shephard III
(2)	<u>FISHKILL/NEW YORK</u>	<u>JAN 3rd, 2008</u>	 Ravichander Ledalla
(3)	_____	_____	Vasant Rao
(4)	_____	_____	Jeffrey P. Soreff

A S S I G N M E N T

Whereas, I/ we,

- | | | | |
|--|--|---|--|
| (1) Philip G. Shephard III
County of: Williamson | City of: Round Rock
State of: Texas | (3) Vasant Rao
County of: Dutchess | City of: Fishkill
State of: New York |
| (2) Ravichander Ledalla
County of: Dutchess | City of: Beacon
State of: New York | (4) Jeffery P. Soreff
County of: Dutchess | City of:
Poughkeepsie
State of: New York |

have invented certain improvements in

System and Method for Improved Hierarchical Analysis of Electronic Circuits

and executed a United States patent application therefor on the following date(s):

- | | |
|---------------------|---------------------------------|
| (1) _____
(Date) | (3) <u>12/10/2007</u>
(Date) |
| (2) _____
(Date) | (4) _____
(Date) |

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	Philip G. Shephard III
(2)	_____	_____	Ravichander Ledalla
(3)	<u>Fishkill, NY</u>	<u>12/10/2007</u>	<u>Vasant Rao</u>
(4)	_____	_____	Jeffery P. Soreff

PATENT

ASSIGNMENT

Whereas, I/ we,

- | | | | |
|--|--|---|--|
| (1) Philip G. Shephard III
County of: Williamson | City of: Round Rock
State of: Texas | (3) Vasant Rao
County of: Dutchess | City of: Fishkill
State of: New York |
| (2) Ravichander Ledalla
County of: Dutchess | City of: Beacon
State of: New York | (4) Jeffrey P. Soreff
County of: Dutchess | City of:
Poughkeepsie
State of: New York |

have invented certain improvements in

System and Method for Improved Hierarchical Analysis of Electronic Circuits

and executed a United States patent application therefor on the following date(s):

- | | |
|---------------------|--------------------------------|
| (1) _____
(Date) | (3) _____
(Date) |
| (2) _____
(Date) | (4) <u>12/6/2007</u>
(Date) |

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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:

	<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	<u>Philip G. Shephard III</u>
(2)	_____	_____	<u>Ravichander Ledalla</u>
(3)	_____	_____	<u>Vasant Rao</u>
(4)	<u>Hopewell Junction, NY</u>	<u>12/6/2007</u>	<u>Jeffrey P. Soreff</u> Jeffrey P. Soreff

Docket: AUS920070307US]

PATENT

RECORDED: 01/11/2008

REEL: 020355 FRAME: 0359