

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>Michael Cowlshaw</td><td>05/19/2007</td></tr><tr><td>Eric M Schwarz</td><td>05/15/2007</td></tr><tr><td>Ronald M Smith Sr</td><td>05/11/2007</td></tr><tr><td>Phil C Yeh</td><td>05/11/2007</td></tr></tbody></table>	Name	Execution Date	Michael Cowlshaw	05/19/2007	Eric M Schwarz	05/15/2007	Ronald M Smith Sr	05/11/2007	Phil C Yeh	05/11/2007	
Name	Execution Date										
Michael Cowlshaw	05/19/2007										
Eric M Schwarz	05/15/2007										
Ronald M Smith Sr	05/11/2007										
Phil C Yeh	05/11/2007										
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>11680894</td></tr></tbody></table>	Property Type	Number	Application Number:	11680894							
Property Type	Number										
Application Number:	11680894										
CORRESPONDENCE DATA											
Fax Number:	(845)432-9601										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	845-433-1156										
Email:	snelson@us.ibm.com										
Correspondent Name:	John E. Campbell										
Address Line 1:	IBM Corporation										
Address Line 2:	2455 South Road, P386										
Address Line 4:	Poughkeepsie, NEW YORK 12601										
ATTORNEY DOCKET NUMBER:	POU920070021US1										
NAME OF SUBMITTER:	Susan L. Nelson										

CH 11680894 \$40.00

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PATENT
REEL: 019316 FRAME: 0749

Total Attachments: 4

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PATENT

REEL: 019316 FRAME: 0750

Docket No. PC0520870021051

A S S I G N M E N T

Whereas, We

- | | |
|---|--|
| (1) Michael Cowlishaw | of Coventry
United Kingdom |
| (2) Eric M. Schwarz
County of Ulster | of Gardiner
State of New York |
| (3) Ronald A. Smith Sr.
County of Dutchess | of Wappingers Falls
State of New York |
| (4) Phil C. Yeh
County of Dutchess | of Poughkeepsie
State of New York |

have invented certain improvements in Round for Round Mode in a Decimal Floating Point

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

- | | |
|-------------------------|-----------|
| (1) _____ | (2) _____ |
| (3) <u>May 11, 2007</u> | (4) _____ |

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, and, 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 and Trademarks 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

- | | |
|--|--|
| (1) at _____
on _____ | Michael F. Cowlishaw |
| (2) at _____
on _____ | Eric M. Schwarz |
| (3) at <u>Poughkeepsie, NY</u>
on <u>May 11, 2007</u> | <u>Ronald M. Smith Sr.</u>
Ronald A. Smith Sr.
<i>R. Smith</i> |
| (4) at _____
on _____ | Phil C. Yeh |

PATENT

REEL: 019316 FRAME: 0751

DOCKET No. P00920070021051

A S S I G N M E N T

Whereas, We

- | | |
|---|--|
| (1) Michael Cowlishaw | of Coventry
United Kingdom |
| (2) Eric M. Schwarz
County of Ulster | of Gardiner
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State of New York |
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County of Dutchess | of Poughkeepsie
State of New York |

have invented certain improvements in Round for Reround Mode in a Decimal Floating Point

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

11) _____, 12) _____,

13) _____, 14) May 11, 2007.

Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10544, (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, and, 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 and Trademarks 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

- | | | |
|--------------------------------|------------------------|-----------------------------------|
| (1) at _____ | on _____ | Michael F. Cowlishaw |
| (2) at _____ | on _____ | Eric M. Schwarz |
| (3) at _____ | on _____ | Ronald A. Smith Sr. |
| (4) at <u>Poughkeepsie, NY</u> | on <u>May 11, 2007</u> | <u>Phil C. Yeh</u>
Phil C. Yeh |

Docket No. PC0920070021081

A S S I G N M E N T

Whereas, We

- | | |
|---|--|
| (1) Michael Cowlishaw | of Coventry
United Kingdom |
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| (3) _____ | (4) _____ |

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Signed

- | | |
|--------------------------------------|------------------------|
| (1) at _____ | Michael F. Cowlishaw |
| on _____ | |
| (2) at <u>Poughkeepsie, New York</u> | <u>Eric M. Schwarz</u> |
| on <u>May 15, 2007</u> | Eric M. Schwarz |
| (3) at _____ | Ronald A. Smith Sr. |
| on _____ | |
| (4) at _____ | Phil C. Yeh |
| on _____ | |

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- | | |
|---|---|
| (1) at ^{Signed} <u>Coventry, UK</u>
on <u>19 May 2007</u> | 

Michael P. Cowlishaw |
| (2) at _____
on _____ | _____
Eric M. Schwarz |
| (3) at _____
on _____ | _____
Ronald A. Smith Sr. |
| (4) at _____
on _____ | _____
Phil C. Yeh |

PATENT