

12-23-2003



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To the Director of the United States Patent and Trademark Office: Please receive attached original documents or copy thereof.

1. Name of conveying party(ies): (1) Sang Hoo Dhong (2) Silvia Melitta Mueller (3) Hwa-Joon Oh 12-11-03 Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Execution Date: December 10, 2003 December 10, 2003 December 10, 2003 22141 U.S.PTO 10/733839 121103
2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other

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(1) 12-10-03 (2) 12-10-03 (3) 12-10-03

A. Patent Application No.(s) B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
 Robert M Carwell
 IBM Corporation
 Intellectual Property Law
 11400 Burnet Road
 Austin, TX 78758
 (512) 823-1017
6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 3.41) \$ 40.00**
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ASSIGNMENT

Whereas, we,

(1) Sang Hoo Dhong of 10617 Coreopsis Drive, Austin, Texas 78733
County of Travis and State of Texas

and

(2) Silvia Melitta Mueller of Bert-Brecht-Str 2,
St. Ingbert 66386 Germany

and

(3) Hwa-Joon Oh of 8629 Lemens Sprice Trail, Austin, Texas 78750
County of Travis and State of Texas

have invented certain improvement in

HIGH SPEED ADDER DESIGN FOR A MUTIPLY-ADD BASED FLOATING POINT UNIT

and executed a United States patent application therefore on (1) Dec 10, 2003;
(2) Dec 10, 2003; and (3) Dec. 10, 2003.

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 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.

(1) Signed at Austin on Dec 10, 2003.

Sang Hoo Dhong
Sang Hoo Dhong

(2) Signed at Austin on Dec 10, 2003.

S.M. Mueller
Silvia Melitta Mueller

(3) Signed at Austin on Dec 10, 2003.

Hwa-Joon Oh
Hwa-Joon Oh