

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Alexandre E. Eichenberger</td><td>06/05/2008</td></tr><tr><td>Michael K. Gschwind</td><td>06/05/2008</td></tr><tr><td>John A. Gunnels</td><td>06/05/2008</td></tr></tbody></table>		Name	Execution Date	Alexandre E. Eichenberger	06/05/2008	Michael K. Gschwind	06/05/2008	John A. Gunnels	06/05/2008
Name	Execution Date								
Alexandre E. Eichenberger	06/05/2008								
Michael K. Gschwind	06/05/2008								
John A. Gunnels	06/05/2008								
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12134495</td></tr></tbody></table>		Property Type	Number	Application Number:	12134495				
Property Type	Number								
Application Number:	12134495								
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Total Attachments: 1 source=YOR920080111US1_Assignment#page1.tif									

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PATENT

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REEL: 021059 FRAME: 0584

ASSIGNMENT

Docket No. YOR920080111US1

INVENTOR
AND CITY

Whereas, we

(1) Alexandre E. Eichenberger
County of Westchester
and (2) Michael K. Gschwind
County of Westchester
and (3) John A. Gunnels
County of Westchester

of Chappaqua,
and State of New York,
of Chappaqua,
and State of New York,
of Yorktown Heights,
and State of New York,

have invented certain improvements in

TITLE

OPTIMIZED SCALAR PROMOTION WITH LOAD AND SPLAT SIMD INSTRUCTIONS

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) 06/05, 2008, (2) 06/05, 2008,
(3) 6/5, 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 therefor;

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 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 and sealed



Alexandre E. Eichenberger

on 6/5/, 2008



Michael K. Gschwind

on 6/5, 2008



John A. Gunnels

on 06/05, 2008