

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Jianzhuo Shi	01/13/2010
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12687301
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Total Attachments: 2 source=5-14000_Assignment#page1.tif source=5-14000_Assignment#page2.tif	

OP \$40.00 12687301

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Jianzhuo Shi, a citizen of China, residing at Building 46, Apt. 601, 1296# of Rd, Gao Si, 020201210, Shanghai, China, and Haiyang Yu, a citizen of China, residing at No. 290, Fanyu Lu, 020200030 Shanghai, China, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Frozen Arithmetic over Heterogeneous Data

Date(s) of execution of Declaration: January 13, 2010; and

Filing Date: January 14, 2010

WHEREAS, SAP AG, located at Dietmar-Hopp-Allee 16, 69190 Walldorf, Germany; hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Fountainhead Law Group PC, 900 Lafayette St., Ste. 301, Santa Clara, CA 95050, to insert herein above the date of execution of declaration and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Jan. 13, 2010

Jianzhuo Shi  
Jianzhuo Shi

WITNESSED:

Dated: Jan. 13, 2010

Sign: Shiguo Wang  
Print: Shiguo Wang

Dated: Jan. 13, 2010

Haiyang Yu  
Haiyang Yu

WITNESSED:

Dated: Jan. 13, 2010

Sign: Shiguo Wang  
Print: Shiguo Wang