PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Leland Chang | 08/14/2008 |
| Matthew R. Wordeman | 09/15/2008 |
| Albert M. Young | 08/14/2008 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12430416 |

CORRESPONDENCE DATA

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Address Line 4: Garden City, NEW YORK 10504

| ATTORNEY DOCKET NUMBER: | YOR920080220US1 (22639) | |
|-------------------------|-------------------------|--|
| NAME OF SUBMITTER: | Leslie S. Szivos | |

Total Attachments: 2

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PATENT REEL: 022602 FRAME: 0828

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PATENT REEL: 022602 FRAME: 0829

ASSIGNMENT

INVENTOR AND CITY

Whereas, we

Leland Chang County of New York

and (2) Matthew R. Wordeman

County of Maui

and (3) Albert M. Young County of Dutchess

of New York,

and State of New York,

of Kula.

and State of Hawaii.

of Fishkill.

and State of New York.

have invented certain improvements in

ADAPTIVE INTERCONNECT STRUCTURE

DATES THAT **INVENTORS**

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

SIGNED THE

DECLARATION

(1) Avent 14, 2008, (2), 2008, (3) august 14, 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 self, 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

Leland Chang

on Ausust 14, 2008

Matthew R. Wordeman

Albert M. Young

on August 14, 2008

PATENT

REEL: 022602 FRAME: 0830

ASSIGNMENT

INVENTOR AND CITY

Whereas, we

(1) Leland Chang County of New York

and (2) Matthew R. Wordeman

County of Maui

and (3) Albert M. Young County of Dutchess

of New York, and State of New York, of Kula.

and State of Hawaii.

of Fishkill,

and State of New York,

have invented certain improvements in

| ADAPTIVE | INTERCON | NECT STR | UCTURE |
|----------|----------|----------|--------|
| | | | |

| DATES THAT INVENTORS | and executed, respectively, a United States pa | tent application therefor on | |
|---------------------------|--|------------------------------|--------|
| SIGNED THE DECLARATION | (1), 2008, (2)_9/15 | , 2008, (3) | , 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 | | |
|-----------------------------|---------|--------|
| Loland Chang | on | , 2008 |
| Leland Chang Make Wordeman | on 9/15 | , 2008 |
| Albert M. Young | on | , 2008 |

REEL: 022602 FRAME: 0831

PATENT

RECORDED: 04/28/2009