PATENT ASSIGNMENT

SUBMISSION TYPE:	NEW ASSIGNMENT

NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark E Molander	05/19/2008
Todd Michael Eischeid	05/19/2008
Kerry A Ortega	05/27/2008
Thomas Brugler	05/19/2008

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:	12348102

CORRESPONDENCE DATA

Fax Number: (301)294-0312

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	SJO920070105US1

NAME OF SUBMITTER:	Bijan Tadayon

Total Attachments: 1
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12348102

CH $40.00

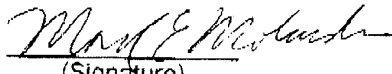**PATENT**

Attorney Docket No.: SJO920070105US1
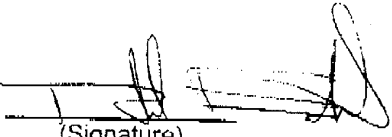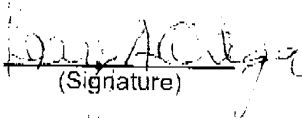
ASSIGNMENT

Whereas, we (I) have invented certain Improvements in

Reorienting navigation trees based on semantic grouping of repeating tree nodes

and executed a United States patent application therefor on the date(s) shown on their corresponding signed declaration form.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"), 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, named below, 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 invention 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.

(1) **Mark E. Molander** of **Cary**

State of **North Carolina** and Country of **USA**

Signed at _RTP_ on _5/19/2008_ _____
(City) (Date) (Signature)

(2) **Todd Michael Eischeid** of **Cary**

State of **North Carolina** and Country of **USA**

Signed at _RTP_ on _5/19/2008_ _____
(City) (Date) (Signature)

(3) **Kerry A. Ortega** of **Raleigh**

State of **North Carolina** and Country of **USA** (FAXED 5-27-08)

Signed at _RTP_ on _____ _____
(City) (Date) (Signature)

(4) **Thomas Brugler** of **Fuquay-Varina**

State of **North Carolina** and Country of **USA**

Signed at _RTP_ on _5/19/2008_ _____
(City) (Date) (Signature)