

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Rajesh Manjrekar</td><td>02/14/2008</td></tr><tr><td>Berthold Reinwald</td><td>02/12/2008</td></tr><tr><td>John Sismanis</td><td>02/18/2008</td></tr><tr><td>Wensheng Wu</td><td>02/13/2008</td></tr></tbody></table>	Name	Execution Date	Rajesh Manjrekar	02/14/2008	Berthold Reinwald	02/12/2008	John Sismanis	02/18/2008	Wensheng Wu	02/13/2008	
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Rajesh Manjrekar	02/14/2008										
Berthold Reinwald	02/12/2008										
John Sismanis	02/18/2008										
Wensheng Wu	02/13/2008										
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>12034964</td></tr></tbody></table>	Property Type	Number	Application Number:	12034964							
Property Type	Number										
Application Number:	12034964										
CORRESPONDENCE DATA											
Fax Number:	(301)261-8825										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	410-573-1545										
Email:	gunther@gibb-rahman.com										
Correspondent Name:	Gibb & Rahman, LLC										
Address Line 1:	2568-A RIVA ROAD										
Address Line 2:	SUITE 304										
Address Line 4:	ANNAPOLIS, MARYLAND 21401										
ATTORNEY DOCKET NUMBER:	ARC920070076US1										
NAME OF SUBMITTER:	Frederick W. Gibb, III										
Total Attachments: 4											

CH 12034964 \$40.00

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PATENT  
REEL: 020544 FRAME: 0223

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source=ARC920070076US1\_ASSIGNMENT#page4.tif

ASSIGNMENTINVENTOR  
AND CITY

Whereas, we

(1) **Rajesh Manjrekar**  
County of Santa Clara  
(2) **Berthold Reinwald**  
County of Santa Clara  
(3) **Yannis Sismanis**  
County of Santa Clara  
(4) **Wensheng Wu**  
County of Santa Clara

of San Jose,  
and State of CA,  
of San Jose,  
and State of CA,  
of San Jose,  
and State of CA,  
of San Jose,  
and State of CA,

have invented certain improvements in

TITLE

**DISCOVERING TOPICAL STRUCTURES OF DATABASES**DATES THAT  
INVENTORS  
SIGNED THE


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

(1) 2/14/, 2008, (2) \_\_\_\_\_, 2008, and  
(3) \_\_\_\_\_, 2008, (4) \_\_\_\_\_, 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



Rajesh Manjrekar

on 2/14/, 2008

Berthold Reinwald

on \_\_\_\_\_, 2008

Yannis Sismanis

on \_\_\_\_\_, 2008

Wensheng Wu

on \_\_\_\_\_, 2008

**PATENT****REEL: 020544 FRAME: 0225**

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Signed and sealed

\_\_\_\_\_  
**Rajesh Manjrekar**

on \_\_\_\_\_, 2008

\_\_\_\_\_  
**B. Reinwald**on 2/12, 2008\_\_\_\_\_  
**Yannis Sismanis**

on \_\_\_\_\_, 2008

\_\_\_\_\_  
**Wensheng Wu**

on \_\_\_\_\_, 2008

of San Jose,  
and State of CA,  
of San Jose,  
and State of CA,  
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and State of CA,  
of San Jose,  
and State of CA.

(3) 2/18/ , 2008, (4) \_\_\_\_\_, 2008.

**PATENT**  
**REEL: 020544 FRAME: 0227**

ASSIGNMENT

Whereas, we

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AND CITY

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County of Santa Clara  
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(1) \_\_\_\_\_, 2008, (2) \_\_\_\_\_, 2008, and

(3) \_\_\_\_\_, 2008, (4) February 13, 2008.

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on \_\_\_\_\_, 2008

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**Berthold Reinwald**

on \_\_\_\_\_, 2008

\_\_\_\_\_  
**Yannis Sismanis**

on \_\_\_\_\_, 2008

Wensheng Wu  
**Wensheng Wu**

on 02/13, 2008**PATENT****RECORDED: 02/21/2008****REEL: 020544 FRAME: 0228**