PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrey Balmin	05/06/2008
Heasoo Hwang	04/15/2008
Mir Hamid Pirahesh	03/28/2008
Berthold Reinwald	03/26/2008

RECEIVING PARTY DATA

Name:	International Business Machines Corporation	
Street Address:	Armonk	
City:	New York	
State/Country:	NEW YORK	
Postal Code:	10504	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12053597

CORRESPONDENCE DATA

Fax Number: (781)634-8042

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

Phone: 858-756-0357

Email: justpatent@sbcglobal.net Donald L. Wenskay Correspondent Name:

P.O. Box 7206 Rancho Santa Fe, CALIFORNIA 92067 Address Line 4:

ATTORNEY DOCKET NUMBER:	ARC920070073US1
NAME OF SUBMITTER:	Donald L. Wenskay

Total Attachments: 6

Address Line 1:

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(1)	Name: City/State of: County/Country of:	Andrey Balmin San Jose/CA Santa Clara/United States
(2)	Name: City/State of: County/Country of:	Heasoo Hwang La Jolla/CA San Diego/United States
(3)	Name: City/State of: County/Country of:	Mir Hamid Pirahesh San Jose/CA Santa Clara/United States
(4)	Name: City/State of: County/Country of:	Berthold Reinwald San Jose/CA Santa Clara/United States
(5)	Name: City/State of: County/Country of:	
(6)	Name: City/State of: County/Country of:	
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GR.	nvented certain improve APH SEARCH SYS EGRATED DATA	ements in: TEM AND METHOD FOR QUERYING LOOSELY
and e	xecuted a Declaration a	nd Power of Attorney for a United States patent application therefor on:
(1)	Date: 5/6/	2008
(2)	Date:	
(3)	Date:	·
(4)	Date: 3 / 26/	2008
(5)	Date:	
(6)	Date:	
	Whereas, INTERNAT	TIONAL BUSINESS MACHINES CORPORATION, a corporation of New York

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York having a place of business at Armonk, New York 10504, desires to acquire and own 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, I, the above named, hereby sell, assign, and transfer to Assignees, their 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 all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to Assignees, their successors and assigns; and I hereby agree that Assignees may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignees.

Execution by Assignors:

(1)	Name:	Andrey Balmin	City/State	San Jose/CA
	Signature:	R	Date:	5/6/2008
(2)	Name:	Heasoo Hwang	City/State	La Jolla/CA
	Signature:		Date:	
(3)	Name:	Mir Hamid Pirahesh	City/State	San Jose/CA
	Signature:	B/a-wald	Date:	3/26/2008
(4)	Name:	Berthold Reinwald	City/State	San Jose/CA
(5)	Signature:		Date: City/State	
(6)	Signature:		Date: City/State	
e.	Signature:		Date:	

<u>ASSIGNMENT</u>

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(1)	Name: City/State of: County/Country of:	Andrey Balmin San Jose/CA Santa Clara/United States	
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(5)	Name: City/State of: County/Country of:		
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GF IN	TEGRATED DATA	STEM AND METHOD FOR QUERYING LOOSELY	
and (executed a Declaration	and Power of Attorney for a United States patent application therefor on:	
(1)	Date:		
(2)	Date: JSAyr	Q3	
(3)	Date;	američia androna a serimentoje provincia del	
(4)	Date:		
(5)	Date:		
(6)	Date:		

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Execution by Assignors:

(1)	Name:	Andrey Balmin	City/State	San Jose/CA
	Signature:		Date	
(2)	Name:	Heasoo Hwang	City/State	La Jolia/CA
	Signature:	<u> </u>	Date:	GAPT OF
(3)	Name:	Mir Hamid Pirahesh	City/State	San Jose/CA
(4)	Signature: Name:	Berthold Reinwald	Date: City/State	San Jose/CA
(5)	Signaturei Name:		Oate: City/State	
(6)	Signature:		Date: City/State	
	Signature		Date:	

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Execution by Assignors:

RECORDED: 05/17/2008

(1)	Name:	Andrey Balmin	City/State	San Jose/CA
	Signature:	· · · · · · · · · · · · · · · · · · ·	Date:	
(2)	Name:	Heasoo Hwang	City/State	La Jolla/CA
	Signature:		Date:	
(3)	Name:	Mir Hamid Pirahesh	City/State	San Jose/CA
	Signature:	Who Strand Park	Date:	March 23 2 8
(4)	Name:	Berthold Reinwald	City/State	San Jose/CA
(5)	Signature:		Date: City/State	
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	Signature:		Date:	
(6)	Name:		City/State	
	Signature:		Date:	