

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Malede Wondmagegne Berhanu	03/27/2008
Christopher Douglas Hanudel	03/27/2008
Mark William Kuermerle	04/03/2008
David Wills Milton	03/28/2008
Clarence Rosser Ogilvie	03/28/2008
Jack Robert Smith	03/27/2008
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:	12098038
CORRESPONDENCE DATA	
Fax Number:	(408)971-4660
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-971-2573
Email:	april@zilkakotab.com
Correspondent Name:	Zilka-Kotab, PC
Address Line 1:	P.O. Box 721120
Address Line 4:	San Jose, CALIFORNIA 95172
ATTORNEY DOCKET NUMBER:	BUR920080031US1_IBMSP014
NAME OF SUBMITTER:	Dominic M. Kotab

CH \$40.00 12098038

Total Attachments: 4

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ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

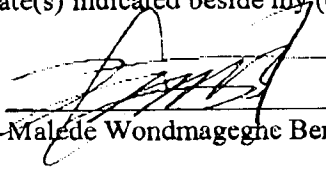
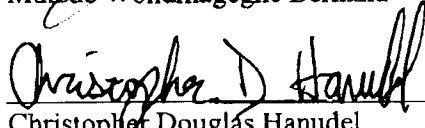
SYSTEM FOR EXPANDING A WINDOW OF VALID DATA

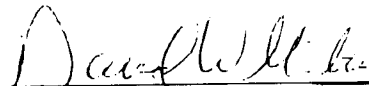
(Atty. Docket No.:BUR920080031US1/IBMSP014) for which I (we) have executed an application for a United States Letters Patent.

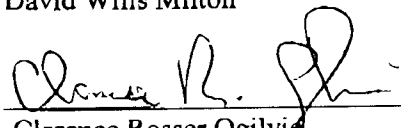
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

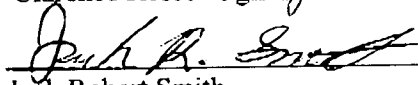
- 1) Sell(s), assign(s) and transfer(s) to **International Business Machines Corporation**, a **New York** corporation having a place of business at New Orchard Road, Armonk, New York, 10504, (hereinafter referred to as "ASSIGNEE"), assigns the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, including all rights to claim priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature:  Date: 03/27/08
 Typed Name: Malede Wondmageghe Berhanu
- 2) Signature:  Date: 03/27/08
 Typed Name: Christopher Douglas Hanudel
- 3) Signature: _____ Date: _____
 Typed Name: Mark William Kuemerle

- 4) Signature:  Date: 3/28/2008
Typed Name: David Wills Milton

- 5) Signature:  Date: 3/28/08
Typed Name: Clarence Rosser Ogilvie

- 6) Signature:  Date: 3/27/08
Typed Name: Jack Robert Smith

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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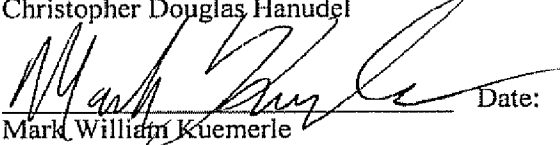
SYSTEM FOR EXPANDING A WINDOW OF VALID DATA

(Atty. Docket No.:BUR920080031US1/IBMSP014) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **International Business Machines Corporation**, a New York corporation having a place of business at New Orchard Road, Armonk, New York, 10504, (hereinafter referred to as "ASSIGNEE"), 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, including all rights to claim priority resulting from the filing of said United States application, and to any and all improvements which are disclosed in the above referenced application.
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- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: _____ Date: _____
Typed Name: Malede Wondmagegn Berhanu
- 2) Signature: _____ Date: _____
Typed Name: Christopher Douglas Hanudel
- 3) Signature:  Date: 4-3-08
Typed Name: Mark William Kuemerle

- 4) Signature: _____ Date: _____
Typed Name: David Wills Milton
- 5) Signature: _____ Date: _____
Typed Name: Clarence Rosser Ogilvie
- 6) Signature: _____ Date: _____
Typed Name: Jack Robert Smith