Substitute Form PTO -1595

REC

Patent Docket No.

102336862 AUS920020727US1 To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof. Execution date: 1. Name of conveying party(ies): 12.31.02 December 24, 2002 Robert Edward Bachman December 23, 2002 Richard Dale Hoffman Verlyn Mark Johnson December 20, 2002 December 26, 2002 Douglas Warren McDavid December 21, 2002 Dorothy Irene Mazina 2. Name and address of receiving party(ies): 3. Nature of conveyance: International Business Machines Corporation Assignment Merger New Orchard Road Change of Name Security Agreement Armonk, New York 10504 Other Execution/Filing/Issue Date 4. Application number(s) or patent number(s): X New Patent Application, execution date of application December 24, 2002 **Execution Date** Patent Application Number: Filing Date Patent Number: Issue Date 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should 7. Total fee (37 CFR 3.41). \$40.00 be mailed: □ Enclosed Check X Authorized to be charged to deposit account Bracewell & Patterson, L.L.P. Authorized to charge any deficiency to deposit account P.O. Box 969 8. Deposit account number: Austin, Texas 78767-0969 09-0447 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Shurrelandeen Shenise Ramdten Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 11

01/13/2003 GTDN11

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REEL: 013646 FRAME: 0621

Whereas, we.

- (1) Robert Edward Bachman of Ridgefield, Fairfield County, Connecticut;
- (2) Richard Dale Hoffman of Austin, Travis County, Texas;
- (3) Verlyn Mark Johnson of Wykoff, Fillmore County, Minnesota;
- (4) Douglas Warren McDavid of Elk Grove, Sacramento County, California; and
- (5) Dorothy Irene Mazina of Charlotte, Mecklenburg County, North Carolina

have invented certain improvements in

AUTOMATED MAINTENANCE OF AN ELECTRONIC DATABASE VIA A POINT SYSTEM IMPLEMENTATION

and executed, respecti	vely, a United States patent	application therefor on (Da	ite inventor Signed
Declaration) (1) 12	124	, 2002; (2)	, 2002;
(3)	, 2002; (4)		, 2002; and
(5)	_, 2002.		
(- /			

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 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.

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(1) Signed at / Signed at	eld CT on 12/24	, 2002.
	eld CT on 12/24 None R	OBERT E. BACHMAN
	on	
	RICHA	RD DALE HOFFMAN
(3) Signed at	on	. 2002
	VERL	YN MARK JOHNSON
(4) Signed at	On	. 2002.
	DO	DUGLAS W. McDAVID
(5) Signed at	on	, 2002.

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PATENT REEL: 013646 FRAME: 0623

DOROTHY IRENE MAZINA

Whereas, we,

- (1) Robert Edward Bachman of Ridgefield, Fairfield County, Connecticut;
- (2) Richard Dale Hoffman of Austin, Travis County, Texas;
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Declaration) (1)	, 2002; (2) <u>12/2</u>	<i>5</i> / • 2 , 2002:
(3), 20	002; (4)	, 2002; and
(5), 20	002.	

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(1) Signed at	on	, 2002.
	RO	BERT E. BACHMAN
(2) Signed at Austin, Tx	on 12/25/0	2
	Mah Shle RICHAR	RD DALE HOFFMAN
(3) Signed at	on	, 2002.
	VERLY	N MARK JOHNSON
(4) Signed at	on	, 2002.
	DOU	UGLAS W. McDAVID
(5) Signed at	on	, 2002.
	DOROT	THY IRENE MAZINA

2

IBM DOCKET NO.: AU\$920020727US1

ASSIGNMENT

Whereas, we,

- (1) Robert Edward Bachman of Ridgefield, Fairfield County, Connecticut;
- (2) Richard Dule Hoffman of Austin, Travis County, Texas;
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Declaration) (1)	, 2002; (2)	, 2002
(3) Dec 20	, 2002; (4)	, 2002; and
(5)	, 2002.	

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	IBM DO	CKET NO.: AUS920020727US1
(1) Signed at	on	, 2002.
]	ROBERT E. BACHMAN
(2) Signed at	on	, 2002.
		ARD DALE HOFFMAN
(3) Signed at Bosholin, Mn	on Dec 6	, 2002.
(3) Signed at Bosholin, Mn	Verlyn	Mak Johnson
(4) Signed at	on	, 2002.
	D	OUGLAS W. McDAVID
(5) Signed at	on	, 2002.
	DOR	OTHY IRENE MAZINA

2

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(1) Signed at	on _	
		ROBERT E. BACHMAN
(2) Signed at	on	
		RICHARD DALE HOFFMAN
(3) Signed at	on	
-		VERLYN MARK JOHNSON
(4) Signed at ElkGrove CA	on	26 December, 2002.
-		DOUGLAS W. McDAVID
(5) Signed at	on	, 2002.
-		DOROTHY IRENE MAZINA

Whereas, we,

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(1) Signed at	on	, 2002.
-		ROBERT E. BACHMAN
(2) Signed at	on	, 2002.
	F	RICHARD DALE HOFFMAN
(3) Signed at	on	, 2002.
		VERLYN MARK JOHNSON
(4) Signed at	on	, 2002.
		DOUGLAS W. McDAVID
(5) Signed at Charlette, NC	on <u>Lec</u>	ember 2/, 2002.
	Sorothy	Arene Mayina

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PATENT REEL: 013646 FRAME: 0631

RECORDED: 12/31/2002