CFORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) 08-27-2003



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Attorney Docket No.: TUC920030083US1

102537605 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof Name and address of receiving party(ies) Name of conveying party(ies): Name: International Business Machines Corporation Scott M. Fry, Mark E. Hill, and David L. Swanson Internal Address: Additional name(s) of conveying party(ies) attached? Yes XNo Street Address: New Orchard Road 3. Nature of conveyance: Merger ☐ Security Agreement ☐Change of Name Other City: Armonk State/Country: New York Zip: 10504 Additional name(s) and address(es) attached? Execution Date: 8/19/03 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 20, 2003 Patent Application No.(s) B. Patent No.(s) 10/644378 Additional numbers attached? ☐Yes XNo Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: Brian C. Kunzler Internal Address: ☑ Enclosed Authorized to be charged to deposit account (any deficiencies) Street Address: 10 West 100 South, Suite 450 Deposit account number: City: Salt Lake City State: Utah ZIP: 84101 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. OB/27/2003 LMUELLER 00000048 090466 10644378 FC:8021 40.00 DA Brian C. Kunzler Name of Person Signing Total number of pages including cover sheet, attachments, and document:

Docket No.: TUC920030083US1

ASSIGNMENT

	V	Whereas, We		
INVENTO				
AND CIT	(1) Scott Milton Fry		of Tucson	
				_
	County of Pima		and State of Arizona	a
	(2) Mark Edward Hill		of Tucson	
	County of Pima		and State of Arizon	а
				•
	(3) David Lee Swanson		of Tucson	
	County of Pima		and State of Arizona	a
	have invented certain improvements in			
	APPARATUS, SYSTEM, AND METHOD FOR D	DEVELOPING FAIL	URE PREDICTION	SOFTWARE
	and executed a United States patent application the	erefore on		
D. A TIEGO T	W. J. A. GO.			
DATES T	O.D.			
INVENTO	THE (1) $8//9$, 2003 ATION (3) $8//8$, 2003		(2)	2002
DECLAD	ATION . , 2003		(2)	, 2003
DECLAR	(3) 8 / 18 2002			
	(3), 2003			
	Whereas, INTERNATIONAL BUS having a place of business at Armonk, New York I and interest in the said application and invention, a Now therefore, for a valuable const	10504, (hereinafter of and to any United So ideration, receipt wh	called IBM), desires to tates and foreign pate hereof is hereby acknowledge.	o acquire the entire right, title ints to be obtained therefore; owledged, I, the above named,
	hereby sell, assign, and transfer to IBM, its success and invention therein disclosed for the United State of said United States application, and I request the inventions set forth in said application to IBM, its foreign Letters Patent on said invention and I will foreign applications when called upon to do so by I	es and foreign countre Commissioner of Pa successors and assig execute all papers n	ries, and all rights of patents to issue any Le ens; and I hereby agre	oriority resulting from the filing tters Patent granted upon the that IBM may apply for
	Signed and sealed			
CITY DATE	(1) at $\frac{146509}{91903}$ on $\frac{31903}{91903}$, 2003	Scott Milton Fry	Willow Fry	SIGNATURE INVENTOR
	(2) at	Mark Edward Hi	111	SIGNATURE INVENTOR
	, 2000	Zwwiid III		
		. 10		

PATENT

REEL: 014419 FRAME: 0401

Docket No.: TUC920030083US1

ASSIGNMENT

Whereas, We

INVENT									
AND CIT		tt Milton Fry			of Tucson				
	County of Pima				and State of Arizona				
				•					
	(2) Mark Edward Hill County of Pima				of Tucson and State of Arizona				
	County	or Pima			and State of Ame	cona			
	(3) David Lee Swanson County of Pima				of Tucson				
				and State of Arizona					
	have invented certain improvements in								
	APPARATUS, SYSTEM, AND METHOD FOR DEVELOPING FAILURE PREDICTION SOFTWARE								
	and exe	and executed a United States patent application therefore on							
DATES 1									
INVENT		(1)	2003		(2) 8 - 19	8′, 2003			
DECLAR	RATION					- 			
		(3)	, 2003						
	Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above name 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 formation 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 IBM, its successors and assigns; and I hereby agree that IBM 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 IBM. Signed and sealed								
CITY						SIGNATURE			
DATE	on	······································	2003	Scott Milton Fry		INVENTOR			
	(2) at _ on	Yamatu, Japan 8-18	2003	Mark Edward Hil		SIGNATURE INVENTOR			
			2003	David Lee Swans	on	signature inventor			

\$ /Z # Z619†Z29†C: RECORDED: 08/20/2003