l l	Patent Docket No. TUC920030016US1
To The Honorable Commissioner of Patents and tradem	02502452 aarks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	Execution date:
WINARSKI, Daniel James	July 9, 2003
DIMITRI, Kamal Emile	July 10, 2003
2. Name and address of receiving party(ies):	3. Nature of conveyance:
International Business Machines Corporation New Orchard Road Armonk, New York 10504	X Assignment □ Merger □ Security Agreement □ Change of Name □ Other
4. Application number(s) or patent number(s): X New Patent Application, execution date of app	Execution/Filing/Issue Date July 9, 2003 Execution Date
□ Patent Application Number: □ Patent Number:	Filing Date Issue Date
5. Name and address of party to whom correspondence concerning document should be mailed: Customer No. 28722 Andrew J. Dillon, Esq. Bracewell & Patterson, L.L.P. P.O. Box 969 Austin, Texas 78767-0969	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\\$\
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9. Statement and signature To the best of my knowledge and belief, the foregature copy of the original document. Craig Yudell Name of Person Signing	going information is true and correct and any attached copy is July 11, 3003 July 12, 3003
7 17	

Mail documents to be recorded with required cover sheet information to:

01 FC:8021

ASSIGNMENT

Whereas, we,

- (1) DANIEL JAMES WINARSKI, of Tucson, Pima County, Arizona
- (2) KAMAL EMILE DIMITRI, of Tucson, Pima County, Arizona

have invented certain improvements in

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and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 9 Joly 2003; and (2) 10 10 2003.

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.

(1) Signed at	on 7 July	, 2003.
	\mathcal{O}	
	Daniel James Wina DANIEL JAMES	eski
	DANIEL JAMES	WINARSKI
(2) Signed at Tuesan	on July 10 th	, 2003.
	1615h-F.	
	KAMAL EMII	E DIMITRI

Page 1 of 1

PATENT REEL: 014272 FRAME: 0768