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3. Nature of conveyance: X Assignment Execution Date: /z///// / / / / / / / / / / / / / / /	Joseph Herbert McIntyre Michael A. Paolini James Mark Weaver	International Business Machines Corporation New Orchard Road Armonk, New York 10504
Execution Date: /z///// / /z////// / /z//////////////		
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To the best of my knowledge and belief, the foregoing information is true and

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Cynthia S. Byrd

Name of Person Signing

Total number of pages including cover sheet: 3

PATENT REEL: 012402 FRAME: 0991

ASSIGNMENT

Whereas, we,

(1) Michael Wayne Brown of Georgetown, County of Williamson and State of Texas,

and

(2) Joseph Herbert McIntyre of Austin,

County of Travis and State of Texas,

and

(3) Michael A. Paolini of Austin,

County of Travis and State of Texas,

and

(4) James Mark Weaver of Austin,

County of Travis and State of Texas,

and

(5) Scott Lee Winters of Austin,

County of Travis and State of Texas,

have invented certain improvements in

IDENTIFYING A CALL MADE OR RECEIVED ON BEHALF OF ANOTHER

	d States patent application therefore on	
(Date Inventor Signed	d Declaration) (1) 12/14	,2001;
and (2) $12/14$, 2001; and (3) 12-14	, 2001;
and (4) > 25 14	, 2001; and (5) Dec id	, 2001.

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 therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers

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necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1)	Signed at	Auslin	on 12/14, 2001.	•
			Michael Wayne Brown	
(2)	Signed at	A571~	on 12/14 , 2001.	
			Joseph Herbert McIntyre	
(3)	Signed at	Austin	on 12/14 , 2001.	•
			Michael A. Paoi ini	
(4)	Signed at	AUSTIN	on DEC 14, 2001	L .
(5)	Signed at	ANTIN	James Mark Weaver on Oly (), 2001 Scott Lee Winters	

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PATENT REEL: 012402 FRAME: 0993

RECORDED: 12/17/2001