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PATENT ASSIGNMENT

Whereas, Lotus Development Corporation, hereinafter "ASSIGNOR", a corporation organized and existing under the laws of the State of Delaware and having an office for the transaction of business at 55 Cambridge Parkway, Cambridge, Massachusetts 02142, is the owner of the entire right, title and interest in United States Patent Application Serial No. 08/961,630, filed October 31, 1997 by Alan D. Eldridge and Charles W. Kaufman and entitled "Method and Apparatus for Password Based Authentication In A Distributed System" by way of assignment dated March 5, 1998, from Alan D. Eldridge and Charles W. Kaufman to Lotus Development Corporation and recorded with the United States Patent and Trademark Office on April 6, 1998, Reel 9086, Frame 0910; and

Whereas, International Business Machines Corporation a corporation organized and existing under the laws of the State of New York and having offices at Armonk, New York, hereinafter "ASSIGNEE", desires to acquire the entire legal right, title and interest in and to said application, and in and to the invention described and claimed in the application, and in and to any Letters of Patent which may be obtained from the application for the invention therein contained.

NOW, THEREFORE, TO ALL WHOM IN MAY CONCERN, be it known that for and in consideration of Ten Dollars and other good and valuable consideration in hand paid, the receipt of all of which is hereby acknowledged, the said ASSIGNOR has sold, assigned and transferred, and does hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said application and any divisionals, continuations or continuations-in-part thereof, and in and to any Letters of Patent which may be obtained thereon or therefor in the United States of America and all foreign countries, and in and to any reissue or extensions of any Letters Patent which may be granted for said invention, and in and to any improvements, additions to, or modifications of said invention, which the said ASSIGNOR may acquire by invention or otherwise, the same to be held and enjoyed by the said ASSIGNEE for its own use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which said Letters Patent or any reissues or extensions thereof may be granted, as fully and as entirely as the same might be held by said ASSIGNOR had this sale not been made, and the said ASSIGNOR hereby represents and warrants that he has not executed and will not execute any instrument inconsistent with the rights granted herein, and he hereby binds himself and his heirs, executors, administrators and legal representatives to execute any and all papers and instruments and to do any and all acts which may be necessary or required by the said ASSIGNEE, in order to carry into full force and effect this sale, assignment and transfer, and the said ASSIGNOR further represents and warrants that he hereby binds himself and his heirs, executors, administrators and legal representatives to communicate at any time, upon request to the said ASSIGNEE, its successors and assigns any facts relating to the said invention and the history thereof known to him or to his heirs, executors, administrators and legal representatives, and that he will testify as to the same in any interference to obtain or any other litigation to enforce the patent or patents which may be granted for said invention when requested to do so by the said ASSIGNEE, its successors or assigns.

> PATENT REEL: 010783 FRAME: 0571

The said ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for said invention to the said ASSIGNEE as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the ASSIGNOR has hereunto set his hand and affixed his seal on this 26th day of April, 2000.

Stephen T. Keohane Assistant Secretary

Lotus Development Corporation

State of _	
County of	
County of	 -

RECORDED: 05/05/2000

On this Quay of Quay o

Notary Public

KELLIE EARLE Notary Public My Commission Expires February 2, 2007

> PATENT REEL: 010783 FRAME: 0572