To the Honorable Commissioner of Patents and Trademarks

1. Name of Conveying Party(ies):
   John DeTreville

2. Name and address of receiving party(ies):
   Name: Microsoft Corporation
   Internal Address:
   Street Address: One Microsoft Way
   City: Redmond State: WA Zip: 98052

3. Nature of conveyance:
   ☒ Assignment ☐ Security Agreement
   ☐ Merger ☐ Change of Name
   ☐ Other
   Execution Date: 6/7/99

4. 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:
   A. Patent Application No.(s):
      09/287,699
   Additional numbers attached: ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Daniel L. Hayes
   Internal Address: Lee & Hayes, PLLC
   Street Address: 201 W. North River Dr. Suite 430
   City: Spokane State: WA Zip: 99201

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   ☐ Enclosed
   ☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0463

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.
   Daniel L. Hayes
   Name of Person Signing
   Signature
   7/20/1999
   Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

08/03/1999 INDLUEN 00000127 500463 09287699
40.00 CH

PATENT
REEL: 010135 FRAME: 0944
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number........................................................................................................... 09/287,699
Filing Date..................................................................................................................... 4/6/99
Inventorship................................................................................................................. DeTreville
Applicant ...................................................................................................................... Microsoft Corporation
Attorney's Docket No. ................................................................................................. MS1-282USC1
Title: Method and Apparatus for Authenticating an Open System Application to a Portable IC Device

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

John DeTreville
1215 E. Aloha Street
Seattle, WA 98102

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Method and Apparatus for Authenticating an Open System Application to a Portable IC Device," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.
** * * * * * * * * * * *

Date    June 7, 1999

State of Washington
   )
   ) ss.
County of King
   )

I certify that I know or have satisfactory evidence that John DeTreville is the person who appeared before me, and said person acknowledged that he or she signed this instrument and acknowledged it to be his or her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated    June 7, 1999

Signature of
Notary Public

My appointment expires    April 15, 2002