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To the Honorable Director of the Patent and Trademark Office: Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies): **6-7-02**  
**Dinarte Morais, Jon Lange, Dan Simon,  
Ling Tony Chen, and Josh D. Benaloh**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: **Microsoft Corporation**  
Address: **One Microsoft Way  
Redmond, Washington 98052**  
Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  Security Agreement  Change of Name  Other \_\_\_\_\_  
Execution Date(s): **6/6/02, 6/6/02, 6/5/02, 6/6/02, 6/5/02 respectively**

4. Application number(s) or Patent number(s):  
A. Patent Application Number(s): **10165519**

B. Patent Number(s):

Additional numbers attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is: **6/6/02, 6/6/02, 6/5/02, 6/6/02, 6/5/02 respectively**

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
**Law Offices of Ronald M. Anderson  
600 - 108<sup>th</sup> Avenue N.E., Suite 507  
Bellevue, WA 98004  
(425) 688-8816**

6. Total number of applications and patents involved? 1

7. Total fee (37 C.F.R. § 3.41):..... \$ 40

8. The fee of \$40 is included in check No. 5948, which is enclosed. The Director is authorized to charge any fees that may be required or credit any overpayment to Deposit Account No. 01-1940.

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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.*  
  
Thomas R. Marquis Thomas Marquis June 7, 2002  
Name of Attorney or Agent Signature Date  
Registration No. 46,900

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Date of Deposit: June 7, 2002

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Sharon S. Anderson  
(Signature of person mailing paper or fee)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number.....  
Filing Date.....  
Inventorship..... Dinarte Morais et al.  
Applicant..... Microsoft Corporation  
Attorney's Docket No. .... MICR0308  
Title: USE OF HASHING IN A SECURE BOOT LOADER

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

**Dinarte Morais**  
4950 166<sup>th</sup> Court NE  
Redmond, Washington 98052

**Jon Lange**  
12928 NE 26<sup>th</sup> Place  
Bellevue, Washington 98005

**Daniel R. Simon**  
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Redmond, Washington 98052

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Bellevue, Washington 98006-5922

**Josh D. Benaloh**  
5028 159<sup>th</sup> Court NE  
Redmond, Washington 98052

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 "USE OF HASHING IN A SECURE BOOT LOADER," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (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 therefor 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 Director of the Patent and Trademark Office 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.

June 6, 2002

Date

Dinarte Morais

Dinarte Morais

6/6/02

Date

Jon Lange

Jon Lange

June 5/02

Date

Daniel R. Simon

Daniel R. Simon

June 6/2002

Date

Ling Tony Chen

Ling Tony Chen

June 5, 2002

Date

Josh D. Benaloh

Josh D. Benaloh