

02-05-2003

EV109679883

Form PTO-1595 (Rev. 03/01)

R



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

102357407

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): David B. Cross, Jianrong Gu, Josh D. Benaloh, Thomas C. Jones. Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party(ies): Name: Microsoft Corporation, Internal Address: One Microsoft Way, Street Address: One Microsoft Way, City: Redmond, State: WA, Zip: 98052. Additional name(s) & address(es) attached? No

3. Nature of conveyance: Assignment, Merger, Security Agreement, Change of Name, Other. Execution Date: 1/23/03; 1/24/03

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: 1/23/03; 1/24/03. A. Patent Application No.(s): 10/351683. Additional numbers attached? No

6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Glenn B. Foster, Reg. No. 32,676, Internal Address: Lee & Hayes, PLLC, Street Address: 421 West Riverside Avenue, Suite 500, City: Spokane, State: WA, Zip: 99201

7. Total fee (37 CFR 3.41): \$ 40.00. Enclosed, Authorized to be charged to deposit account. 8. Deposit account number: 12-0769. (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. Glenn B. Foster, Reg. No. 32,676. Name of Person Signing, Signature, Date: 1/27/03

Total number of pages including cover sheet, attachments, and documents: 5

02/04/2003 LNWELLER 00000274 120769 10351683 01 FC:8021 40.00 CH

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

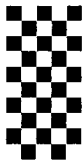
PATENT REEL: 013714 FRAME: 0306

RECORDATION FORM COVER SHEET
PATENTS ONLY

JCS12 U.S. PTO
10/351683
01/27/03

Continuation of Box 1. Name of conveying party(ies):

Paul J. Leach
Glenn D. Pittaway



Attorney Docket No. MS1-1358US
MS Docket No. 301886.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....Not Known
Filing Date..... Executed Concurrently Herewith
Inventorship..... Cross et al.
Applicant.....Microsoft Corporation
Attorney's Docket No.MS1-1358US
MSDocket No.....301886.1
Title: Deriving a Symmetric Key From an Asymmetric Key for File Encryption or Decryption

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

David B. Cross
27524 NE 31st Court
Redmond, WA 98053

Jianrong Gu
16658 SE 57th Place
Bellevue, WA 98006

Josh D. Benaloh
5028 159th Ct NE
Redmond, WA 98052

Thomas C. Jones
23617 NE 6th St
Sammamish, WA 98074

Paul J. Leach
1134 Federal Ave East
Seattle, WA 98102

Glenn D. Pittaway
16735 237th Avenue NE
Woodinville, WA 98072

Assignee:

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

Attorney Docket No. MS1-1358US
MS Docket No. 301886.1

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Deriving a Symmetric Key From an Asymmetric Key for File Encryption or Decryption," 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 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.

1/23/03
Date

D. B. C.
David B. Cross

1/24/03
Date

J. Gu
Jianrong Gu

1/24/03
Date

Josh D. Benaloh
Josh D. Benaloh

1/24/03
Date

Thomas C. Jones
Thomas C. Jones

1/24/03
Date

Paul J. Leach
Paul J. Leach

1/24/03
Date

Glenn D. Pittaway
Glenn D. Pittaway