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FORM PTO-1595  
(REV 6-93)

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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-011 (exp.4/94)

101949893

MS142425.1(MSFTP301US)

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

## 1. Name of conveying party(ies):

Arthur W. Brooking  
Dennis H. Harding  
James J. McNelis  
William O. Zitek

01/03/02

Additional name(s) of conveying  
party(ies) attached? [ ] Yes [X] No

## 3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_

Execution Date: January 2, 2002

## 2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft Way

City: Redmond

State/Country: Washington ZIP: 98052

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

Jc997 U.S. PTO  
10/038246

## 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: January 2, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional Numbers attached? [ ] Yes [X] No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: Himanshu S. Amin

Internal Address: \_\_\_\_\_

Amin &amp; Turocy, LLP

Street Address: 24th Floor, National City Center  
1900 E. 9th Street

City: Cleveland

State: Ohio ZIP: 44114

## 6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) .....\$ 40.00

[X] Enclosed

[ ] Authorized to be charged to deposit account

## 8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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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.

Himanshu S. Amin

Name of Person Signing

Signature

January 3, 2002

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [ 4 ]

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

1/11/2002 STEUMEL1 00000016 10038246

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PATENT  
REEL: 012460 FRAME: 0881

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:  
Filing Date:  
Inventorship: Arthur W. Brooking, *et al.*  
Applicant: Microsoft Corporation  
Attorney's Docket No.: MSFTP300US  
MS Docket No.: MS155556.1  
Title: SYSTEM AND METHOD FACILITATING NETWORK DIAGNOSTICS  
AND SELF-HEALING

## PATENT ASSIGNMENT

### PARTIES TO THE ASSIGNMENT

#### Assignor(s):

Arthur W. Brooking  
4308 268<sup>th</sup> Avenue NE  
Redmond, Washington 98053

Dennis H. Harding  
20016 York Road  
Bothell, Washington 98012

James J. McNelis  
2320 344<sup>th</sup> Avenue NE  
Carnation, Washington 98014

William O. Zitek  
2911 1<sup>st</sup> Avenue N.  
Seattle, Washington 98109

#### 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 "SYSTEM AND METHOD FACILITATING NETWORK DIAGNOSTICS AND SELF-HEALING" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship: Arthur W. Brooking, *et al.*

Applicant: Microsoft Corporation

Attorney's Docket No.: MSFTP300US

MS Docket No.: MS155556.1

Title: SYSTEM AND METHOD FACILITATING NETWORK DIAGNOSTICS  
AND SELF-HEALING

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 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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Filing Date:  
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MS Docket No.: MS155556.1  
Title: SYSTEM AND METHOD FACILITATING NETWORK DIAGNOSTICS  
AND SELF-HEALING

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

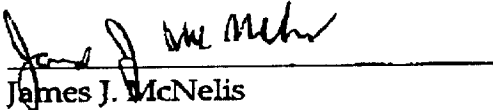
2 JAN 2002  
Date

  
Arthur W. Brooking

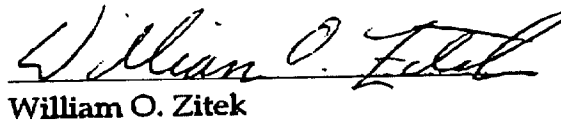
1-22-02  
Date

  
Dennis H. Harding

1-2-02  
Date

  
James J. McNelis

1/02/02  
Date

  
William O. Zitek