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1. Warren V. BARKLEY				November 6, 2003			
2. Vivek BHANU				November 6, 2003			
3. Sean LYNDERSAY				November 7, 2003			
4. Timothy M. MOORE				November 7, 2003			
5. Yinghau YAO				November 6, 2003			
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Address              Redmond                  Washington                  98052							
City                                  State/Country                  Zip Code							
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<b>Correspondent Name and Address</b>							
Richard P. Dodson, Reg. No. 52,824				Telephone: (206) 521-5985			
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Two Prudential Plaza, Suite 4900				Attorney Docket No. 223294			
Chicago, Illinois 60601							
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10/688,656							
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.							
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Richard P. Dodson				TSJ		June 6, 2004	
Name of Person Signing				Signature		Date	

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Inventorship.....Warren V. Barkley et al.  
Applicant.....Microsoft Corporation  
Serial No.....10/688,656  
Filing Date.....October 17, 2003  
Attorney Docket No. ....223294  
MS Docket No. ....301726.01  
Title..... Network Fingerprinting

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

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**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 "Network Fingerprinting," as described and claimed in the specification forming part of an application for United States letters patent filed October 17, 2003 as Serial No 10/688,656;

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Attorney Docket No. 223294  
MS Docket No. 301726.01  
Serial No. 10/688,656

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

Attorney Docket No. 223294  
MS Docket No. 301726.01  
Serial No. 10/688,656

11/6/03  
Date

Warren V. Barkley  
Warren V. Barkley

11/6/2003  
Date

Vivek Bhanu  
Vivek Bhanu

11/9/2003  
Date

Sean Lyndersay  
Sean Lyndersay

11/7/2003  
Date

Timothy M. Moore  
Timothy M. Moore

11/6/2003  
Date

Yinghua Yao  
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