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2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Check here if additional name(s) attached

Name(s): 1) Shaz Qadeer and 2) Dinghao Wu and
Execution Date(s): 1) May 14, 2004 and 2) May 13, 2004

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached

Name Microsoft Corporation
Address One Microsoft Way
City Redmond State/Country WA Zip 98052

4. Nature of Conveyance

Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: 1

6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00

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8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.

A. This document is being filed with a new application. Execution date is: _____
B. Patent Application No.(s) or Patent No.(s): 10/765,717
 Check here if additional numbers are attached

9. Correspondent's name, address, and telephone number

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Stephen A. Wight
Name of Person Signing

Signature

May 14, 2004
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Docketing

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.....10/765,717
Filing Date..... January 26, 2004
Inventorship..... Qadeer et al.
Applicant..... Microsoft Corporation
Attorney's Docket No. 3382-66931
MS Docket No. 306534.01

Title: DATA RACE DETECTION USING SEQUENTIAL PROGRAM ANALYSIS
PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Shaz Qadeer
1629 Harvard Avenue, #411
Seattle, WA 98122
United States of America

Dinghao Wu
218-B Eisenhower Street
Princeton, NJ 08540
United States of America

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 "DATA RACE DETECTION USING SEQUENTIAL PROGRAM ANALYSIS," 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

RCF:lem 05/13/04 3382-66931 306534.01

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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.

Date

Shaz Qadeer

5/13/04

Date

Dinghao Wu