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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Commissioner of Patents and Trademarks: Please record use attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 6:16:03 Bohus Ondrusek Microsoft Corporation One Microsoft Way Patrick Joseph Dinio Santos Redmond, WA 98052 Kevin Ward Burrows Additional name(s) of conveying party(ies) attached?
Yes
No Additional name(s) & address(es) attached?

Yes

No Nature of conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Date: June 16, 2003 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: June 16, 2003 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 John E. Whitaker Name: Authorized to be charged to deposit account Merchant & Gould P.C. Address: P.O. Box 2903 Minneapolis, MN 55402-0903 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725 PATENT TRADEMARK OFFICE 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. June 16, 2003 John E. Whitaker Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director - U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

> PATENT REEL: 014198 FRAME: 0618

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Filing Date	
Inventorship	Ondrusek et al.
Applicant	
Attorney's Docket No.	50037.155US01
MS Docket No.	301341.1
Title: COMPONENT DEPENDENCY MATRICES	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Bohus Ondrusek 6133 147th Place NE Redmond, WA 98052

Patrick Joseph Dinio Santos 2507 Lynnwood Avenue NE Renton, WA 98056

Kevin Ward Burrows 312 NE Sixth Street North Bend, WA 98045

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 "COMPONENT DEPENDENCY MATRICES," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

PATENT REEL: 014198 FRAME: 0619

Attorney Docket No. 50037.155US01 MS Docket No. 301341

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 therefore.

Patrick Joseph Dinio Santos

16/2003

RECORDED: 06/16/2003

PATENT

REEL: 014198 FRAME: 0620