FORM PTO-1584 01-10-96:CMG

04-13-1999

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Atty Ref/Docket No.: 777.220US1 101008036 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Neel Jain, Bradley Waters and Mahlon David Fields Name: Microsoft Corporation Additional name(s) of conveying party(ies) attached? []Yes [X]No Street Address: One Microsoft Way 3. Nature of conveyance: [X] Assignment [] Merger Redmond State: WA ZIP: 98052-6399 [] Security Agreement [] Change of Name [] Other _ Additional name(s) & address(es) attached? []Yes [X]No Execution Date: March 31, 1999 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: ____March 31, 1999____ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? []Yes [X]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: Rodney L. Lacy 7. Total fee (37 CFR 3.41):\$ 40.00 [X] Enclosed Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938 [] Authorized to be charged to deposit account Minneapolis, MN 55402 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 19-0743 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. Rodney L. Lacy/Reg. No. 41,136 Name of Person Signing Total number of pages including cover sheet: 4

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PATENT REEL: 9870 FRAME: 0729

ASSIGNMENT

WHEREAS, we, <u>Neel Jain</u>, <u>Bradley Waters</u> and <u>Mahlon David Fields</u>. <u>Jr.</u> (hereinafter referred to as ASSIGNORS), having post office addresses of <u>3822 167th Place NE</u>, <u>Apt. J -2028</u>, <u>Redmond</u>, <u>WA 98072</u>, <u>23216 NE 169th Place</u>, <u>Woodinville</u>, <u>WA 98072</u> and <u>9009 Avondale Road NE</u>, <u>Apt. I-118</u>, <u>Redmond</u>, <u>WA 98052</u> respectively, are the joint inventors of an invention entitled "ATOMIC OPERATIONS ON DATA STRUCTURES"</u>, as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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 98052-6399, 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, ASSIGNORS hereby sell, assign and transfer unto said 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 virture 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 ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of

PATENT REEL: 9870 FRAME: 0730 ASSIGNMENT

Applicant: Invention:

Neel Jain et al.

ATOMIC OPERATIONS ON DATA STRUCTURES

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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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this $\frac{31}{2}$ day of $\frac{MAR}{2}$, 1999.

Mul k Jam Neel Jain

STATE OF Washing (m)

)ss.

COUNTY OF Ma
)

On this 3 day of mach, 1999 before me personally appeared Neel Jain to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she

Notary Public Heather & Andrew Commission Expres, March 16, 2000

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of Morch, 1999.

STATE OF Washington)

SS.

COUNTY OF Ling

()

Bradley Waters

On this $\frac{3^{15}}{100}$ day of $\frac{1000}{100}$, 1999 before me personally appeared Bradley Waters to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public Healney L. Anderson Commission Expires March 16, 2000

ASSIGNMENT Applicant: Invention:

Neel Jain et al. ATOMIC OPERATIONS ON DATA STRUCTURES Docket No.: 777.220US1 Page 3 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of march, 1999.

Mahlon David Fields, Jr. an Lavil Field Jr.

STATE OF WA)ss. COUNTY OF k = g

RECORDED: 04/05/1999

On this 31st day of March, 1999 before me personally appeared Mahlon David Fields. <u>Jr.</u> to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. Heather L. Finderson Commission Expires: March 16, 2020

[SEAL]

Notary Public

PATENT REEL: 9870 FRAME: 0732