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EET

MPD 6-30-98



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

1. Name of Conveying Part(ies):
Marc Holder

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

3. Nature of conveyance:
 Assignment Security Agreement
 Merger Change of Name
 Other

Execution Date: 6/29/98

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

Name: Microsoft Corporation
 Internal Address:
 Street Address: One Microsoft Way
 City: Redmond State: WA Zip: 98052

Additional names(s) & address(es) attached: Yes No

JC551 U.S. PT
09/107866
06/30/98

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: 6/29/98

A. Patent Application No.(s):

Additional numbers attached: Yes No

B. Patent No.(s)

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Daniel L. Hayes
 Internal Address: Lee & Hayes, PLLC
 Street Address: 201 W. North River Dr.
 Suite 430
 City: Spokane State: WA Zip: 99201

07/14/1998 DCOATES 00000263 500463 09107866
 01 FC:581 40.00 CH

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-0463 ✓

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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.

Daniel L. Hayes *Daniel L. Hayes* 6/30/98
 Name of Person Signing Signature Date

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

PATENT
 REEL: 9302 FRAME: 0772 MSF-33518-152 DOR

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Inventor..... Marc Holder
3 Applicant Microsoft Corporation
4 Attorney's Docket No. MS1-235US
5 Title: Median Calculation Using SIMD Operations

6 **PATENT ASSIGNMENT**

7 **PARTIES TO THE ASSIGNMENT**

8 Assignor(s):

9 Marc Holder
10 6922 SE 33rd St.
11 Mercer Island, WA 98040

12 Assignee:

13 Microsoft Corporation
14 Corporation of the State of Washington
15 One Microsoft Way
16 Redmond, WA 98052-6399

17 **AGREEMENT**

18 WHEREAS, Assignor(s) are inventor(s) of an invention entitled " Median
19 Calculation Using SIMD Operations," as described and claimed in the specification
20 forming part of an application for United States letters patent executed herewith;

21 WHEREAS, Microsoft, a corporation of the State of Washington having a
22 place of business at One Microsoft Way, Redmond, WA 98052, is desirous of
23 acquiring the entire right, title and interest in and to the invention and in and to any
24 letters patent that may be granted therefor in the United States and in any and all
25 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 Microsoft, 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

1 invention in the United States of America and its territorial possessions and in any
2 and all foreign countries, and in any and all divisions, reissues and continuations
3 thereof, including the right to file foreign applications directly in the name of
4 Microsoft and to claim priority rights deriving from said United States application
5 to which said foreign applications are entitled by virtue of international
6 convention, treaty or otherwise, said invention, application and all letters patent on
7 said invention to be held and enjoyed by Microsoft and its successors and assigns
8 for their use and benefit and of their successors and assigns as fully and entirely as
9 the same would have been held and enjoyed by Assignor(s) had this assignment,
10 transfer and sale not been made. Assignor(s) hereby authorize and request the
11 Commissioner of Patents and Trademarks to issue all letters patent on said
12 invention to Microsoft. Assignor(s) agree to execute all instruments and
13 documents required for the making and prosecution of applications for United
14 States and foreign letters patent on said invention, for litigation regarding said
15 letters patent, or for the purpose of protecting title to said invention or letters
16 patent therefor.

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