

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney Docket No.: 331384.01

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Commissioner of Patents:
Please record the attached original signed documents or copy thereof.

1. Name of conveying partie(ies):

Paul F. Ringseth

2. Name and address of receiving party(ies)

Microsoft Corporation
Law and Corporate Affairs Department
One Microsoft Way
Redmond, WA 98052

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

Additional name(s) and address(es)
attached? **No**

3. Nature of conveyance:

Assignment Merger

Other: _____

Execution Date(s): Dec. 21, 2010

4. Application number(s) or patent number(s):

A. Patent Application No(s). B. Patent No(s).
12/977,207

Additional number(s) attached? **No**

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 69316

Dicke, Billig & Czaja, PLLC
Suite 2250
100 South Fifth Street
Minneapolis, Minnesota 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41): \$40.00

Enclosed
 Authorized to be charged to Deposit Account No. 500471

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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.

Name of Person Signing: Christopher P. Kosh

Signature: /Christopher P. Kosh/

Date: Dec. 23, 2010

Total number of pages comprising cover sheet: 2

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PATENT ASSIGNMENT MS Docket No.: 331384.01

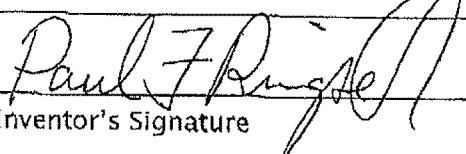

I/WE, Paul F. Ringseth ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " EXTENSIBLE DATA PARALLEL SEMANTICS" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No. 12/977,207, filed 12/23/2010) this APPLICATION's Application No. and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 Inventor's Signature	<div style="text-align: center;">  <u>12/23/2010</u> Date </div> <div style="text-align: right; margin-top: 10px;"> <u>PFR</u> <u>12/21/2010</u> </div>
Paul F. Ringseth Printed Name in English	Printed Name in Native Language (if other than English)