

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Champion	06/22/2007
Anders Hejlsberg	02/12/2008
Andrew Kimball	06/20/2007
Ralf Lammel	06/20/2007
Henricus Johannes Maria Meijer	06/19/2007
Ion Vasilian	06/20/2007

RECEIVING PARTY DATA

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11771163

CORRESPONDENCE DATA

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MSFTP1785US

PATENT

REEL: 020572 FRAME: 0088

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OP \$40.00 11771163

NAME OF SUBMITTER:

Himanshu S. Amin/

Total Attachments: 3

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PATENT ASSIGNMENT

WE, MICHAEL CHAMPION, ANDERS HEJLSBERG, ANDREW KIMBALL, RALF LAMMEL, HENRICUS JOHANNES MARIA MEIJER, ION VASILIAN ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MEMORY EFFICIENT DATA PROCESSING" ("APPLICATION"), which:

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24th Floor, National City Center, 1900 E. 9th Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (U.S. Serial No. 11771163, filed 6/29/07) this APPLICATION'S U.S. Serial Number and filing date, when known;

☐ was filed on _____ and was given U.S. Serial 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 ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNORS agree 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).

6/22/2007
DATE

[Signature]
MICHAEL CHAMPION

DATE
6/20/2007
DATE

ANDERS HEJLSBERG
[Signature]
ANDREW KIMBALL

6/20/2007
DATE

[Signature]
RALF LAMMEL

PATENT ASSIGNMENT

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DATE

2/12/2008

DATE

DATE

DATE

MICHAEL CHAMPION

Anders Hejlsberg

ANDERS HEJLSBERG

ANDREW KIMBALL

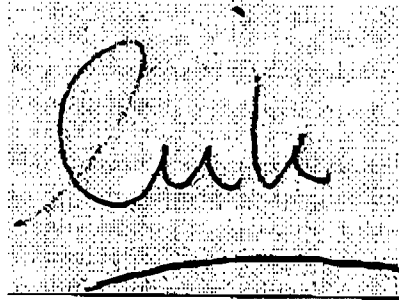
RALF LAMMEL

6/19/2007

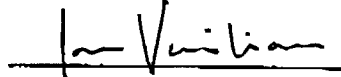
DATE

6/20/2007

DATE

A handwritten signature in cursive script, appearing to read 'Henricus', written over a horizontal line.

HENRICUS JOHANNES MARIA MEIJER

A handwritten signature in cursive script, appearing to read 'Ion Vasilian', written over a horizontal line.

ION VASILIAN