

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Avner Y. Aharoni	06/26/2007
Henricus Johannes Maria Meijer	06/25/2007
Timothy Yat Tim Ng	06/26/2008
Amanda K. Silver	06/26/2008
Scott Daniel Wisniewski	06/27/2008
Kevin Wagner Halverson	06/26/2008
David N. Schach	06/26/2008
Aleksey V. Tsingauz	06/28/2008
Paul A. Vick	06/26/2008

**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:	12163763

**CORRESPONDENCE DATA**

Fax Number: (216)696-8731  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 216-696-8730  
 Email: mfurman@thepatentattorneys.com  
 Correspondent Name: Amin Turocy & Calvin LLP  
 Address Line 1: 1900 E. 9th Street  
 Address Line 2: 24th Floor, National City Center

OP \$40.00 12163763

Address Line 4: Cleveland, OHIO 44114

ATTORNEY DOCKET NUMBER:

MSFTP2256US

NAME OF SUBMITTER:

Himanshu S. Amin

**Total Attachments: 14**

source=323988.01 Assignment#page1.tif  
source=323988.01 Assignment#page2.tif  
source=323988.01 Assignment#page3.tif  
source=323988.01 Assignment#page4.tif  
source=323988.01 Assignment#page5.tif  
source=323988.01 Assignment#page6.tif  
source=323988.01 Assignment#page7.tif  
source=323988.01 Assignment#page8.tif  
source=323988.01 Assignment#page9.tif  
source=323988.01 Assignment#page10.tif  
source=323988.01 Assignment#page11.tif  
source=323988.01 Assignment#page12.tif  
source=323988.01 Assignment#page13.tif  
source=323988.01 Assignment#page14.tif

WE, AVNER Y AHARONI, HENRICUS JOHANNES MARIA MEIJER, TIMOTHY YAT TIM NG, AMANDA K. SILVER, SCOTT WISNIEWSKI, KEVIN HALVERSON, DAVID N. SCHACH , ALEKSEY V. TSINGAUZ and PAUL A. VICK ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPILER IN A MANAGED APPLICATION CONTEXT" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24<sup>th</sup> Floor, National City Center, 1900 E. 9<sup>th</sup> Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- was filed on 6/27/08 and was given Application No. 12/163,763;
- 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"));

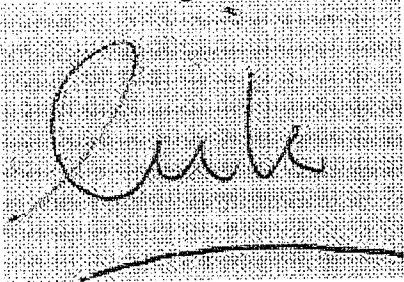
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNORS, the ASSIGNORS hereby sell, assign and transfer to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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).

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

_____ Inventor's Signature	_____ Date
<u>AVNER Y AHARONI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
	June 25, 2008
<u>HENRICUS JOHANNES MARIA MEIJER</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

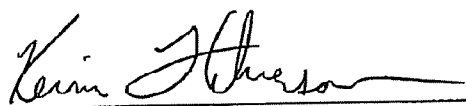
_____ Inventor's Signature	_____ Date
<u>TIMOTHY YAT TIM NG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

--	--

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFT 2256US)

_____ Inventor's Signature	_____ Date
<u>SCOTT WISNIEWSKI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)


 _____ Inventor's Signature	<u>6/26/2008</u> _____ Date
<u>KEVIN HALVERSON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>DAVID N. SCHACH</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

_____ Inventor's Signature	_____ Date
<u>ALEKSEY V. TSINGAUZ</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>June 26<sup>th</sup>, 2008</u> _____ Date
<u>PAUL A. VICK</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

WE, AVNER Y AHARONI, HENRICUS JOHANNES MARIA MEIJER, TIMOTHY YAT TIM NG, AMANDA K. SILVER, SCOTT WISNIEWSKI, KEVIN HALVERSON, DAVID N. SCHACH , ALEKSEY V. TSINGAUZ and PAUL A. VICK ("ASSIGNORS"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPILER IN A MANAGED APPLICATION CONTEXT" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize, and request, ASSIGNEE'S legal representatives, of Amin, Turocy & Calvin, LLP, 24<sup>th</sup> Floor, National City Center, 1900 E. 9<sup>th</sup> Street, Cleveland, Ohio 44114, who are associated with customer number 27195, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- was filed on 6/27/08 and was given Application No. 12/163,763
- is filed concurrently herewith;

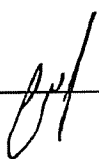
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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).

PATENT ASSIGNMENT

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

Inventor's Signature		Date	6/26/2008
AVNEEL Y AHARONI		Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature		Date	
HENRICUS JOHANNES MARIA MEIJER		Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature		Date	6/26/2008
TIMOTHY YAT TIM NG		Printed Name in English	吴渣达
		Printed Name in English	Printed Name in Native Language (if other than English)

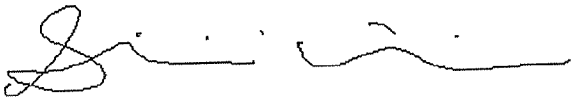
Inventor's Signature		Date	
AMANDA K. SILVER		Printed Name in English	Printed Name in Native Language (if other than English)



**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

Inventor's Signature	Date
<u>AMANDA K. SILVER</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

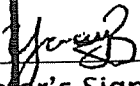
	6/27/2008
_____	_____
Inventor's Signature	Date
<u>SCOTT WISNIEWSKI</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
<u>KEVIN HALVERSON</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

_____	_____
Inventor's Signature	Date
<u>DAVID N. SCHACH</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

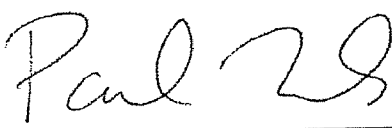
**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

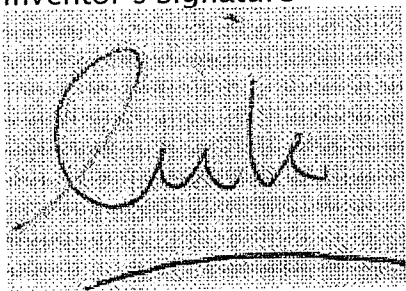
<u></u>	<u>06/22/2008</u>
Inventor's Signature	Date
<u>ALEKSEY V. TSINGAUZ</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

<u></u>	<u></u>
Inventor's Signature	Date
<u>PAUL A. VICK</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
ALEKSEY V. TSINGAUZ _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	June 26 <sup>th</sup> , 2008 _____ Date
PAUL A. VICK _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>AVNER Y AHARONI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

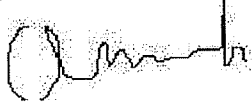

_____ Inventor's Signature	_____ Date
	June 25, 2008
<u>HENRICUS JOHANNES MARIA MEIJER</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

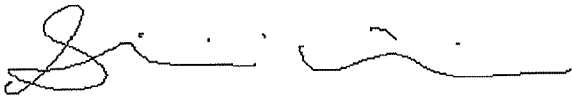
_____ Inventor's Signature	_____ Date
<u>TIMOTHY YAT TIM NG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

--

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

	
_____ Inventor's Signature	_____ Date
AMANDA K. SILVER Printed Name in English	_____ Printed Name in Native Language (if other than English)

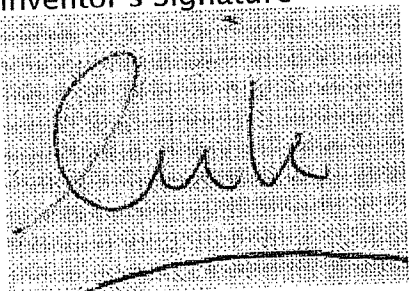
	6/27/2008
_____ Inventor's Signature	_____ Date
SCOTT WISNIEWSKI Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
KEVIN HALVERSON Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

_____ Inventor's Signature	_____ Date
<u>AVNER Y AHARONI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
	June 25, 2008
<u>HENRICUS JOHANNES MARIA MEIJER</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>TIMOTHY YAT TIM NG</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

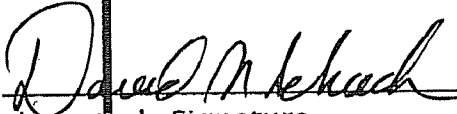
_____ Inventor's Signature	_____ Date
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

**PATENT ASSIGNMENT**

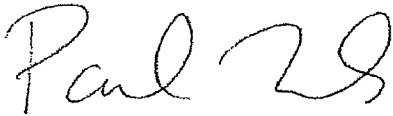
MS Docket No. MS323988.01  
(OC Docket No. MSFTP2256US)

_____ Inventor's Signature	_____ Date
<u>SCOTT WISNIEWSKI</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>KEVIN HALVERSON</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>6/26/2008</u> Date
<u>DAVID N. SCHACH</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>ALEKSEY V. TSINGAUZ</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>June 26<sup>th</sup>, 2008</u> _____ Date
<u>PAUL A. VICK</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)