Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date		
Lucas J. Hoban	03/05/2013		
Mads Torgersen	03/07/2013		
Charles P. Jazdzewski	03/05/2013		
Anders Hejlsberg	03/06/2013		
Steven E. Lucco	03/06/2013		
Joseph J. Pamer	03/05/2013		

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:	13798100

CORRESPONDENCE DATA

Fax Number: 4259367329

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Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER: 337891.01

REEL: 030025 FRAME: 0191

PATENT

502274349

NAME OF SUBMITTER:	Mohammad Adil			
Total Attachments: 12				
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PATENT REEL: 030025 FRAME: 0192

I Lucas J. Hoban ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXTUAL TYPING" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______13-MAR-2013 _ and given 13/798100 Application No. bv the following US Patent and Trademark Office Office) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No ______ by the following Office 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")); ASSIGNOR hereby authorizes, and requests. ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

MS Docket No.: 337891.01

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, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

MS Docket No.: <u>337891.01</u>

Inventor's Signature	3/5/2013 Date
Lucas J. Hoban	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: <u>337891.01</u>

I <u>Mads Torgersen</u> ("AS inventor of subject matter (application entitled <u>CONTEXT</u>	"INVENTION") disclosed	·
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application N Office	ASSIGNOR hereby authorepresentatives, of the Law cosoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPR eses (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
No	and was given by the following Office ";	
Microsoft Corporation, successors and assigns ("ASSIGENTIFY and exclusive rights, tite (and all other applications applications, in and for the U"APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the United States, its territor	ENTION and the APPLICATION erefrom, such as continuing
REPRESENTATIVES to insert t	he Application No., filin	~ ·
following table for any APPLICA Application No.	Filing Date	Office
Application No.	Timing Date	Office

Page 1 of 2

MS Docket No.: 337891.01

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	3/2 2013		
Inventor's Signature	Date		
Mads Torgersen			
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

MS Docket No.: 337891.01 I Charles P. Jazdzewski ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXTUAL TYPING" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert 13-MAR-2013 here in parentheses (filed on and given 13/798100 Application No. the following US Patent and Trademark Office ______) this APPLICATION's Office Application No., filing date, and Office, when known; was filed on _____ and was given Application No ______ by the following Office 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")): **ASSIGNOR** hereby authorizes. and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

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MS Docket No.: <u>337891.01</u>

QLP.//S.	3-5-2013
Inventor's Signature	Date
Charles P. Jazdzewski	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 337891.01 I Anders Hejlsberg ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXTUAL TYPING" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert 13-MAR-2013 here in parentheses (filed on and given 13/798100 Application No. by the following US Patent and Trademark Office ______ this APPLICATION's Office Application No., filing date, and Office, when known; was filed on _____ and was given Application No _____ by the following Office 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")): ASSIGNOR hereby authorizes. and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 337891.01

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Mers Puttbug	3/6/2013
Inventor's Signature	Date
Anders Hejlsberg	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I Steven E. Lucco ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXTUAL TYPING" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert 13-MAR-2013 here in parentheses (filed on and given 13/798100 Application No. by the following US Patent and Trademark Office Office _) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No ______ by the following Office 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")); ASSIGNOR hereby authorizes. and requests. ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Application No. Filing Date Office

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MS Docket No.: 337891.01

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MS Docket No.: 337891.01

4000	3/6/13
Inventor's Signature	Date
Steven E. Lucco	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 337891.01

I loseph J. Pamer ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONTEXTUAL TYPING" ("APPLICATION"), which:

\boxtimes	will be	filed.	ASSIGNOR	hereby	authorizes,	and	requests
	ASSIGNE	E'S legal	representati	ves, of th	ne Law and C	orpora	te Affairs
	Departm	ent, Micı	osoft Corpo	ration, O	ne Microsoft	Way, R	ledmond,
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	here in p	arenthe	ses (filed on	*****************	13-MAR-2013	a	ınd given
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(US Patent and Trademark Office) this API	PLICATIO	N's Applicat	ion No.,	filing date, a	nd Offi	ce, when
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	by the fo	llowing (Office "			".	

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")):

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Application No.	Filing Date	Office	

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, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES):

MS Docket No.: 337891.01

Inventor's Signature	March 5, 2013 Date	
Joseph J. Pamer		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	