502742134 03/27/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2788730

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL LEVIT	03/26/2014
HERNAN GUELMAN	03/26/2014
SHUANGYU CHANG	03/26/2014
SARANGARAJAN PARTHASARATHY	03/26/2014
BENOIT DUMOULIN	03/26/2014

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:	14227492

CORRESPONDENCE DATA

Fax Number: (612)332-9081

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 612-332-5300

Email: USPTO27488@merchantgould.com **Correspondent Name:** MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

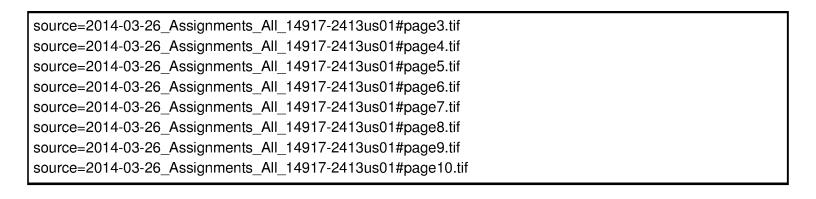
Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	340624.01/14917.2413US01	
NAME OF SUBMITTER:	ALTON HORNSBY	
SIGNATURE:	/Alton Hornsby III/	
DATE SIGNED:	03/27/2014	

Total Attachments: 10

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PATENT REEL: 032543 FRAME: 0152 502742134



PATENT REEL: 032543 FRAME: 0153

PATENT A	ASSIGNMENT	MS Docket No.: <u>340624.01</u>
I <u>Michael Levit</u>	("A	SSIGNOR") am the origina
inventor or an original joint inv		
claimed in a patent applicat		
Customization" ("APPLICATION"		
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ASSIGNEE'S legal r	representatives, of the Lav	v and Corporate Affairs
	osoft Corporation, One Mi	· ·
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successors and assigns ("ASSIC entire and exclusive rights, tit INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and the and interest, including TON (and all other applications, in whole or reign countries ("APPLICAT authorizes, and require Application No., filing	g the right of priority, in the ications and patents derived in part, in and for the United ION DERIVATIVES")); Juests, ASSIGNEE'S LEGA g date, and Office into the
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Application No.	Filing Date	Office
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MS Docket No.:	<u>340624.01</u>

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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

05-26-2

Date

Printed Name in English

MUXAUN Nebut

Printed Name in Native Language

(if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: <u>340624.01</u>
l Hernan <u>Guelman</u>	(" "ASSIGNOR") am the origina
inventor or an original joint inventor original	entor of subject matter ("I tion entitled " <u>Flexible S</u> e	INVENTION") disclosed and/or
ASSIGNEE'S legal in Department, Microsoft Application No. Application No., find was filed on Microsoft Corporation, successors and assigns ("ASSIGNET Entire and exclusive rights, title INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	and was given and was given and was given by the following Office "; a Washington Corporation (and interest, including TION (and all other applications, in whole or reign countries ("APPLICAT authorizes, and require Application No., filing	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given the following Office his APPLICATION's n known; Application No n, on behalf of itself and its is desirous of acquiring, the g the right of priority, in the ications and patents derived in part, in and for the United TION DERIVATIVES")); uests, ASSIGNEE'S LEGA g date, and Office into the ney are known;
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PATENT ASSIGNMENT		MS Docket No.:	340624.01

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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	
Hornan Evelman	1 N de 1 171c
Printed Name in English	Printed Name in Native Language (if other than English)

	PATENT ASSIGNMENT	MS Docket No.: <u>340624.01</u>
I <u>Shuangyı</u>	ı Chang	("ASSIGNOR") am the origina
inventor or an origin	ial joint inventor of subject ma	atter ("INVENTION") disclosed and/o
		xible Schema for Language Mode
Customization" ("API		
<u></u>		
⊠ will be	e filed. ASSIGNOR hereby	y authorizes, and requests,
	•	the Law and Corporate Affairs
		One Microsoft Way, Redmond,
		AL REPRESENTATIVES), to insert
	n parentheses (filed on	
Annlica	ation No.	by the following Office
Дрисс		this APPLICATION's
<u> </u>	ation No., filing date, and Offic	
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☐ was file	ed on and was	s given Application No
	by the following Ot	onice
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successors and assi entire and exclusive INVENTION and the therefrom, such as	igns ("ASSIGNEE"), is entitled to e rights, title and interest, in e APPLICATION (and all othe	poration, on behalf of itself and it to, and is desirous of acquiring, the negligible priority, in the applications and patents derive hole or in part, in and for the Unite PPLICATION DERIVATIVES"));
ASSIGNOR	hereby authorizes and	l requests, ASSIGNEE'S LEGA
		o., filing date, and Office into th
	ny APPLICATION DERIVATIVES	
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Application No.	Filing Date	Office
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MS	Docket	No.:	340624.01

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: 340624.01 PATENT ASSIGNMENT ("ASSIGNOR") am the I <u>Sarangarajan Parthasarathy</u> original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Flexible Schema for Language Model Customization" ("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 ______ and given by the following Office Application No. APPLICATION'S this 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); **ASSIGNEE'S LEGAL** hereby authorizes, and requests, ASSIGNOR 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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PATENT	ASSIGNMENT	MS Docket No.:	<u>340624.01</u>	

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Savangarajan Parthasaratty	03-26-2014
Inventor's Signature	Date
SARANGARAJAN PARTHASARATHY	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: <u>340624.01</u>
I Benoit Dumoulin	('	'ASSIGNOR") am the original
inventor or an original joint inv		
claimed in a patent applicat		
Customization" ("APPLICATION"		silenia ioi Language Model
Customization (AITECATION)	, willell.	
🛮 will be filed.	ASSIGNOR hereby author	orizes, and requests,
ASSIGNEE'S legal r	epresentatives, of the Law	v and Córporate Affairs
•	osoft Corporation, One Mi	
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Application No.	by t	the following Office
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Application No., fi	ling date, and Office, wher	1 Known;
	and was given a	Application No
	by the following Office	
	n,	
Microsoft Corporation, a	a Washington Corporation	n, on behalf of itself and its
successors and assigns ("ASSIC	INEE"), is entitled to, and	is desirous of acquiring, the
entire and exclusive rights, tit		
INVENTION and the APPLICAT		
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		uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the		
following table for any APPLICA	TION DERIVATIVES after th	iey are known;
Application No.	Filing Date	Office
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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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Inventor's Signature

Date

Printed Name in English

Printed Name in Native Language (if other than English)

3/24/2014