503407811 07/24/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3454445

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LI DENG	07/20/2015
JIANFENG GAO	07/20/2015
XIAODONG HE	07/20/2015
PRABHDEEP SINGH	07/06/2015

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14808546

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: usdocket@microsoft.com, ashley@cuttingedgepatents.com

Correspondent Name: ASSAL MEFTAHI

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Address Line 2: PATENT GROUP DOCKETING DEPARTMENT

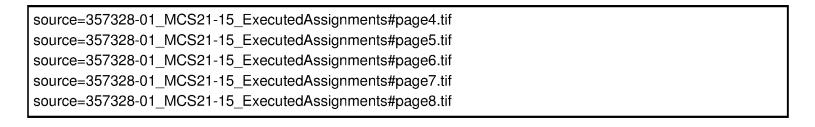
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	357328.01
NAME OF SUBMITTER:	RICHARD T. LYON
SIGNATURE:	/Richard T. Lyon/
DATE SIGNED:	07/24/2015

Total Attachments: 8

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PATENT 503407811 REEL: 036173 FRAME: 0333



PATENT REEL: 036173 FRAME: 0334

PATENT ASSIGNMENT MS Docket No.: 357328.01

subject matt	er ("INVENTION") d	lisclosed and/or claimed	or an original joint inventor o in a patent application entitled <u>ANALYTICS</u> " ("APPLICATION")
	ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. 14/808	ASSIGNOR hereby autorepresentative, Microsoft rosoft Way, Redmond GAL REPRESENTATIVES), doin 07/24/2015 by the TO 1000 billing date, and Office, who	t Technology Licensing, , Washington 98052 to insert here in and given Application following Office this APPLICATION's
		and was given by the following Office	Application No
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti ity, in the INVENTI red therefrom, suc ited States, its	ssors and assigns ("ASS re and exclusive rights, t ON and the APPLICATION h as continuing application	on limited liability company, or IGNEE"), is entitled to, and in itle and interest, including the (and all other applications and ons, in whole or in part, in and eign countries ("APPLICATION
	TIVES to insert t	•	uests, ASSIGNEE'S LEGA ng date, and Office into the
Application N		Filing Date	Office

Page 1 of 2

	ASSIGNMENT	MS Docket No.:	· · · · · · · · · · · · · · · · · · ·

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).

/243/	7/3.0/20/5
Inventor's Signature	Date /
Li Deng	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS	Docket	No.:	<u>357328.01</u>

I <u>lianfeng Gao</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>LEVERAGING GLOBAL DATA FOR ENTERPRISE DATA ANALYTICS</u>" ("APPLICATION"), which:

X	will be file	d. ASSIGNOR	hereby	authorizes,	and re	quests,
	ASSIGNEE'S	legal representa	tive, Micr	osoft Techn	ology Lic	ensing,
	LLC., One M	crosoft Way, Red	mond, Wa	ıshington 98	052 (ASSI	GNEE'S
	LEGAL REPR	ESENTATIVES),	to insert	here in pa	rentheses	s (filed
	on <u>07/24</u>	/2015 and gi	ven Appli	cation No. 🔟	4/808,5	<u>146</u> by
	the following	g Office		JSPTO) this
	APPLICATIO	V's Application N	o., filing d	late, and Offi	ce, when	known;
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Microsoft Technology Licensing, LLC, a Washington limited liability company, 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"));

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.	Office
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PATENT ASSIGNMENT

MS Docket No.: 357328.01

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Printed Name in English Printed Name in Native Language
(if other than English)

	PATENT	ASSIGNMENT	MS Docket No.: 357	328.01
			ventor or an original joint claimed in a patent ap	
entitled " <u>L</u> J	<u>EVERAGING GLO</u>	BAL DATA FOR	<u>ENTERPRISE DATA ANA</u>	<u>\LYTICS'</u>
("APPLICATIC	N"), which:			
	will be filed.	ASSIGNOR hereby	authorizes, and request	s, "
	ASSIGNEE'S legal	representative, Micro	soft Technology Licensing	a.
		•	ond, Washington 9805	
	(ASSIGNEE'S LEC	AL REPRESENTATIV	ES), to insert here i	in
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		0 1 2	this APPLICATION	's
		iling date, and Office,	when known;	
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	was filed on	and was g	iven Application No	
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behalf of its	elf and its succe	ssors and assigns ("	ngton limited liability comp ASSIGNEE"), is entitled to, ts, title and interest, includ	, and is
right of prior	ity, in the INVENTI	ON and the APPLICAT	ION (and all other applicati	ons and
patents deriv	ed therefrom, suc	h as continuing appli	cations, in whole or in part	t, in and
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ASSIG	NOR hereby	authorizes. and	requests, ASSIGNEE'S	LEGAL
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Page 1 of 2

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Inventor's Signature Date

Xiaodong He 何文文

Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: <u>357328.01</u>

I <u>Prabhdeep Singh</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>LEVERAGING GLOBAL DATA FOR ENTERPRISE DATA ANALYTICS</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S	legal	repre	esentai	tive,	Micr	osoft	Tech	inology	/ Licensi	ing,
	LLC.	, ()ne	Mic	rosof	t Wa	у,	Redn	nond,	Wa	ıshingt	on 980	052
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Page 1 of 2

	MS Docket No.:	
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204d4/ Inventor's Signature	
Prabhdeep Singh	
Printed Name in English	Printed Name in Native Language
	(if other than English)