PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASKARAN SINGH	09/15/2015
SINA HAKAMI	09/24/2015
SZYMON MADEJCZYK	09/17/2015

RECEIVING PARTY DATA

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State/Country:	WASHINGTON	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14866406

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	13768.2590
NAME OF SUBMITTER:	J. LAVAR OLDHAM
SIGNATURE:	/J. LaVar Oldham/
DATE SIGNED:	09/25/2015

Total Attachments: 6

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PATENT 503497249 REEL: 036662 FRAME: 0109

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> PATENT REEL: 036662 FRAME: 0110

MS Docket No.: <u>357884.01</u> WN Docket No.: <u>13768.2590</u>

I <u>Jaskaran Singh</u> ("ASSIC of subject matter ("INVENTION" <u>Data Migration Validation</u> " ("Al	") disclosed and/or claimed	entor or an original joint inventor in a patent application entitled
legal representative Microsoft Way, Research REPRESENTATIVE on 2015-09-25 following Office of the second se	GNOR hereby authorizes, are, Microsoft Technology edmond, Washington 98052 ES), to insert here and given Application No., filing date, a	Licensing, LLC., One (ASSIGNEE'S LEGAL in parentheses (filed to. 14/866406 by the this
was filed on	and was given Appl	cation
	by the following Office	
Microsoft Technology Lice behalf of itself and its successors acquiring, the entire and exclusive INVENTION and the APPLICAT such as continuing applications, in and all foreign countries ("APPLICAT	and assigns ("ASSIGNEE"), rights, title and interest, inclon (and all other application whole or in part, in and for	luding the right of priority, in the ns and patents derived therefrom, the United States, its territories,
ASSIGNOR hereby	authorizes, and reques	sts, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the		
table for any APPLICATION DER	,	
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, 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"));

MS Docket No.: <u>357884.01</u> WN Docket No.: <u>13768.2590</u>

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	7-15-15 Date
Jaskaran Singh	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>357884.01</u> WN Docket No.: <u>13768.2590</u>

I Sina Hakami ("ASSIGNOR") am the original inventor or an original joint inventor	or of
subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "I	<u> Data</u>
Migration Validation" ("APPLICATION"), which:	

\boxtimes	will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S
	legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2015-09-25 and given Application No. 14/866406 by the
	following Office USPTO
	was filed on and was given Application
	No by the following Office ";

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.	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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom,

MS Docket No.: <u>357884.01</u> WN Docket No.: <u>13768.2590</u>

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).

S. H.	9/24/15
Inventor's Signature	Date
Sina Hakami Printed Name in English	سینا حکمی Printed Name in Native Language (if other than English)

MS Docket No.: <u>357884.01</u> WN Docket No.: <u>13768.2590</u>

I <u>Szymon Madejczyk</u> ("ASSIGNOR") am the original inventor or an original joi inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " <u>Data Migration Validation</u> " ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S
legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2015-09-25 and given Application No. 14/866406 by the following Office USPTO this APPLICATION's Application No., filing date, and Office, when known;
was filed on and was given Application
No by the following Office "";
Microsoft Technology Licensing, LLC, a Washington limited liability company, of 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 territorie and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGA 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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 Szymon Mudeferyk	3/17/2015
Inventor's Signature	Date
Szymon Madejczyk	
Printed Name in English	Printed Name in Native Language
	(if other than English)