505074187 08/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5120943

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TANU MUTREJA	08/30/2018
JASON SHAY	08/28/2018
GUNJAN JAIN	08/24/2018

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:	16114884

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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.

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MICROSOFT CORPORATION **Correspondent Name:**

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Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	404394-US-NP
NAME OF SUBMITTER:	SYED S. AHMED
SIGNATURE:	/Syed S. Ahmed, #64,587/
DATE SIGNED:	08/31/2018

Total Attachments: 6

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> **PATENT REEL: 046767 FRAME: 0629**

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PATENT REEL: 046767 FRAME: 0630

I <u>Tanu MUTREJA</u> ("ASSINVENTOR OF SUBJECT MATTER (application entitled "SYNCHUNMODIFIED MIGRATED C	"INVENTION") disclosed a IRONIZING IN-USE Se	OURCE DATA AND AN			
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT and given Applica Office	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing ATIVES), to insert here in tion No. ling date, and Office, where	Technology Licensing, ton 98052 (ASSIGNEE'S parentheses (filed on by the following this APPLICATION's			
No <u>16/114,884</u>	was filed on <u>August 28, 2018</u> and was given Application No <u>16/114,884</u> by the following Office " <u>US – United States</u> Patent and Trademark Office) ";				
Microsoft Technology Liebehalf of itself and its successor of acquiring, the entire and expriority, in the INVENTION and derived therefrom, such as corrunted States, its territories, an	rs and assigns ("ASSIGNEE") (clusive rights, title and ir the APPLICATION (and all o Itinuing applications, in w	nterest, including the right of other applications and patents nole or in part, in and for the			
ASSIGNOR hereby author	izes, and requests, ASSIGN	IEE'S LEGAL REPRESENTATIVES			
to insert the Application No.,		o the following table for any			
APPLICATION DERIVATIVES afte 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"));

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).

August 30' 2018

Inventor's Signature

Tanu MUTREJA

Printed Name in English

Printed Name in Native Language
(if other than English)

I <u>Gunjan JAIN</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>SYNCHRONIZING IN-USE SOURCE DATA AND AN UNMODIFIED MIGRATED COPY THEREOF</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	autho	rizes,	and	reque	ests
	ASSI	GNE	E'S legal	representat	ive, Micr	osoft	Techno	ology	Licens	ing
	LLC,	One	Microso	ft Way, Redr	nond, Wa	ashingt	ton 980)52 (A	ASSIGN	EE'S
	LEG/	AL RI	EPRESEN [*]	ΓΑΤΙVES), to	insert h	ere in	paren	these	s (filed	l on
	<u>Augi</u>	ust 2	<u> 28, 2018</u>	and given	Applicat	ion No	o. <u>16/</u>	114,8	<u>84</u> by	the
	follo	wing	Office <u>U</u>	<u>S – United St</u>	ates Pate	nt and	Tradei	mark (Office)	this
	APPL	ICA7	ΠΟΝ's Α <mark>ι</mark>	oplication No	o., filing c	late, ar	nd Offic	e, wh	en kno)wn
	was	filed	on		and was o	given A	pplicat	tion		
	No_			by the f	ollowing	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, 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).

Guym Javis	Aux 24,2018
Inventor's Signature	Date
Gunjan JAIN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Jason SHAY</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>SYNCHRONIZING IN-USE SOURCE DATA AND AN UNMODIFIED MIGRATED COPY THEREOF</u>" ("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
	August 28, 2018 and given Application No. 16/114,884 by the
	following Office <u>US – United States Patent and Trademark Office</u>) this
	APPLICATION's Application No., filing date, and Office, when known;
	was filed on and was given Application No by the
	following Office " <u>US - United States Patent and Trademark</u>
	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"));

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Filing Date	Office	
		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"));

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).

Q 4/	8/28/18
Javentor's Signature	Date
Jason SHAY	
Printed Name in English	Printed Name in Native Language
	(if other than English)