506278346 09/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANILO LANDUCCI BENZATTI	09/24/2020
AHMED HASSAN MOHAMED	09/24/2020

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	5600 148TH AVENUE NE
Internal Address:	REDWEST-C
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17032466

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	408981-US-NP
NAME OF SUBMITTER:	SUSAN GREENFIELD
SIGNATURE:	/Susan Greenfield/
DATE SIGNED:	09/29/2020

Total Attachments: 4

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> **PATENT** REEL: 053926 FRAME: 0981 506278346

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PATENT REEL: 053926 FRAME: 0982

PATENT ASSIGNMENT	MS Docket No.:	408981-US-NP

I <u>Danilo Landucci BENZATTI</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>DETERMINISTIC MAPPING AND ROUTING OF ITEMS TO PHYSICAL RESOURCES</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 and given Application Noby
	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
	Noby the following Office
	W

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	

Page 1 of 2

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).

Janko Ladwer Begatt: 9/24/202

Inventor's Signature

Date

Danilo Landucci BENZATTI

Printed Name in English

Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT	MS Docket No.:	408981-US-NP

I <u>Ahmed Hassan MOHAMED</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>DETERMINISTIC MAPPING AND ROUTING OF ITEMS TO PHYSICAL RESOURCES</u>" ("APPLICATION"), which:

\boxtimes	will	be	filed.	ASSIGNOR	hereby	authori	zes,	and	requ	ests,
	ASSI	GNE	E'S lega	l representa	tive, Mici	osoft Te	echno	logy	Licen:	sing,
	LLC.	, On	e Micros	oft Way, Red	mond, W	ashingto	n 98()52 (A	SSIGN	√EE'S
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	on_			and gi	ven Appli	ication N	o	**********		by
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Page 1 of 2

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Mpset	Sept 24, 2020
Inventor's Signature	Date
Ahmed Hassan MOHAMED	
Printed Name in English	Printed Name in Native Language (if other than English)