505026417 07/30/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5073167

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
ROYI RONEN		02/01/2018
IKA BAR-MENACHEM		02/04/2018
OHAD JASSIN		02/02/2018
AVNER LEVI		02/02/2018
OLIVIER NANO		02/05/2018
ORON NIR		02/01/2018
MOR GEVA PIPEK		02/02/2018
ORI ZIV		02/01/2018

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:	16024172

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.				
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TTORNEY DOCKET NUMBER: 403684-US-NP/28841.288787				
NAME OF SUBMITTER:	AME OF SUBMITTER: GEORGE-LEONARD N. NGENGWE			
SIGNATURE:		/GEORGE-LEONARD N. NGENGWE/		

DATE SIGNED:	07/30/2018
Total Attachments: 16	
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I <u>Royi RONEN</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>MEDIA MANAGEMENT SYSTEM FOR VIDEO DATA PROCESSING</u>" ("APPLICATION"), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108–2613 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on ______ and given Application No. _____ by the following Office <u>US - United States</u> <u>Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;
- was filed on January 27, 2018 and was given Application No 62/622.864 by the following Office "US – United States Patent and Trademark Office";

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Application No.	Filing Date	Office
16/024,172	06/29/2018	US Patent and Trademark Office

Page 1 of 2

Attorney Docket No. 403684-US-PSP/MFCP.288787

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211 2018 Date Inventor's Signature ۲۱۱۲ ۲۰۱۵ Printed Name in Native Language Royi RONEN Printed Name in English (if other than English)

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FDIR	02/04/2018
Inventor's Signature	Date
Ika BAR-MENACHEM	
Printed Name in English	Printed Name in Native Language
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I <u>Ohad JASSIN</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>MEDIA MANAGEMENT SYSTEM FOR VIDEO DATA PROCESSING</u>" ("APPLICATION"), which:

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Inventor's Signature Date Ohad JASSIN Printed Name in English Printed Name in Native Language (if other than English)

I <u>Avner LEVI</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>MEDIA MANAGEMENT SYSTEM FOR VIDEO DATA PROCESSING</u>" ("APPLICATION"), which:

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Avp-	2/2/2018
Inventor's Signature	Date
Avner LEVI	אבנר לוי
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT REEL: 046500 FRAME: 0694

I <u>Olivier NANO</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>MEDIA MANAGEMENT SYSTEM FOR VIDEO DATA PROCESSING</u>" ("APPLICATION"), which:

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Attorney Docket No. 403684-US-PSP/MFCP.288787

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Inventor's Signature

Date

Olivier NANO

Printed Name in English

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Allomey Docket No. 403684-US-PSP/MPCP.288787

PATENT ASSIGNMENT

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Page 1 of 2

PATENT REEL: 046500 FRAME: 0697

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	01/02/18
Inventor's Signature	Date
Oron NIR	אורון ניר
Printed Name in English	Printed Name in Native Language (if other than English)

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02/02/2018 Date
Printed Name in Native Language (if other than English)

Page 2 of 2

Attorney Docket No. 403684-US-PSP/MPCP 288787

PATENT ASSIGNMENT

I <u>Ori ZIV</u> of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>MEDIA MANAGEMENT SYSTEM FOR VIDEO DATA PROCESSING</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests,
ASSIGNEE'S legal representative, Shook, Hardy & Bacon LL.P., 2555
Grand Blvd., Kansas City, Missouri 64108–2613 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _______ and given Application No. ______ by the following Office <u>US - United States</u>
<u>Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;

was filed on <u>January 27, 2018</u> and was given Application No <u>62/622.864</u> by the following Office "<u>US - United States Patent and</u> <u>Trademark Office</u>";

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
16/024,172	06/29/2018	US Patent and Trademark Office

Page 1 of 2

PATENT REEL: 046500 FRAME: 0701 Attorney Docket No. 403684-US-PSP/MFCP.288787

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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).

Inventor's Signature Date Ori ZIV Printed Name in English Printed Name in Native Language (if other than English)

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RECORDED: 07/30/2018

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PATENT REEL: 046500 FRAME: 0702