504428885 06/23/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4475585

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ROBERT NOVAK	06/22/2017
JOHN JOSEPH LOTITO III	06/20/2017
ARNAUD ELIE JEAN PIERRE VALLAT	06/22/2017
MAN HEI HOU	06/20/2017

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:	15631568

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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.

Phone: 612-332-5300

Email: usdocket@microsoft.com

Correspondent Name: MERCHANT & GOULD (MICROSOFT)

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	14917.3245US01/402443USNP
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD
SIGNATURE:	/Christopher J. Leonard/
DATE SIGNED:	06/23/2017

Total Attachments: 8

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PATENT 504428885 REEL: 042798 FRAME: 0089

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PATENT REEL: 042798 FRAME: 0090

PATENT ASSIGNMENT

I <u>Michael Robert NOVAL</u> joint inventor of subject matte application entitled "INLINE COI	er ("INVENTION") disclose	•	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on June No15/631,568 Patent and Trade	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here 23, 2017 and by the following Officemark Office) this APPLICATICE, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application te US – United States	
	and was giv Office " <u>United States Patent</u>		
Microsoft Technology Lid behalf of itself and its success desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and	
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	

PATENT ASSIGNMENT

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).

Mon	06/22/2017
Inventor's Signature	Date (Required)
Michael Robert NOVAK	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

i <u>Joh</u>	n Joseph	LOTITO	_III_("ASSIGI	NOR") am	the original	inventor o	r an original
joint invent	or <mark>of s</mark> u	bject ma	tter ("INVEN	vTION") di	sclosed and	or claimed	l in a patent
application	entitled	"INLINE	CONTENT	FILE ITE	M ATTACHI	MENT" ("AF	PLICATION"),
which							

will be filed. ASSIGNOR hereby authorizes, and requestion ASSIGNEE'S legal representative, Microsoft Technology Licer LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIG LEGAL REPRESENTATIVES), to insert here in parentheses on June 23, 2017 and given Application 15/631,568 by the following Office US – United Septent and Trademark Office) this APPLICATION's Application filing date, and Office, when known;	ising NEE's (filed
LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIG LEGAL REPRESENTATIVES), to insert here in parentheses on June 23, 2017 and given Application 15/631,568 by the following Office US - United Section 25 Patent and Trademark Office) this APPLICATION'S Application	NEE'S (filed
LEGAL REPRESENTATIVES), to insert here in parentheses on June 23, 2017 and given Applic No. 15/631,568 by the following Office US - United Section Patent and Trademark Office) this APPLICATION'S Application	(filed
on June 23, 2017 and given Applic No. 15/631,568 by the following Office US - United Section Patent and Trademark Office) this APPLICATION's Application	(filed
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Patent and Trademark Office) this APPLICATION's Application	tates
filing date, and Office, when known;	
was filed on and was given Application No.	
by the following Office "United States Patent and Trademark	
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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Application No.	Filing Date	Office

PATENT ASSIGNMENT

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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for hillgation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Jankon at	6/20/2017
Thventor's Signature	Date (Required)
John Joseph LOTITO III	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

original joint	inventor of subject	ct_matter ("INVENTION") (m the original inventor or an disclosed and/or claimed in a TTACHMENT" ("APPLICATION"),
	ASSIGNEE'S legal LC, One Microsof EGAL REPRESENT on June 23 No. 15/631,568 Patent and Trader	ASSIGNOR hereby auth representative, Microsoft Way, Redmond, Washing FATIVES), to insert here and by the following Officiark Office) this APPLICA fice, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ce <u>US – United States</u>
ł		and was giver an	
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is destrous of acquiring, the entire and exclusive rights, title and interest, including the eight 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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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")):

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| O6/22/2017 | Date (Required)

Arnaud Elie Jean Pierre VALLAT | ARNAD ELIE SEAN PIERRE VALLAT |
Printed Name in English | Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

inventor of	subject matter	("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent TACHMENT" ("APPLICATION"),
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on June 23, No. 15/631,568 Patent and Trade	ASSIGNOR hereby aut representative, Microsof ft Way, Redmond, Washin TATIVES), to insert her 2017 and by the following Off mark Office) this APPLICATION, when known;	t Technology Licensing, Igton 98052 (ASSIGNEE'S e in parentheses (filed given Application lice US - United States
		and was gi Office <u>"United States Pater</u>	
behalf of its degitous of a capit of prior patents derivities United ERIVATIVES	telf and its succe acquiring, the enti- ity, in the INVENTI red therefrom, suc- ted States, its in "));	ssors and assigns ("ASS re and exclusive rights, to the APPLICATION has continuing application territories, and all fore authorizes, and recontinuing applications."	on limited liability company, on IGNEE"), is entitled to, and is little and interest, including the (and all other applications and ons, in whole or in part, in and eign countries ("APPLICATION quests, ASSIGNEE'S LEGALing date, and Office into the
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Inventor's Signature

Man Hei HOU

Printed Name in English

06/20/2017

Date (Required)

侯文郎

Printed Name in Native Language

(if other than English)