505408145 04/03/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

on v1.1 EPAS ID: PAT5454935 on v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW JAMES HILLENIUS	04/01/2019
JASON ALLEN HARRIGAN	04/01/2019

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:	16373314

CORRESPONDENCE DATA

Fax Number:

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: 2028576000

Email: patentdocket@arentfox.com, usdocket@microsoft.com

Correspondent Name: ARENT FOX LLP
Address Line 1: 1717 K STREET, NW

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: 037834.01160/406105-US-NP	
NAME OF SUBMITTER:	GREGORY Z. BOGER
SIGNATURE:	/Gregory Z. Boger/
DATE SIGNED:	04/03/2019

Total Attachments: 4

source=406105-US-NP_Assignments_As_Filed_April_03_19#page1.tif source=406105-US-NP_Assignments_As_Filed_April_03_19#page2.tif source=406105-US-NP_Assignments_As_Filed_April_03_19#page3.tif source=406105-US-NP_Assignments_As_Filed_April_03_19#page4.tif

PATENT 505408145 REEL: 048777 FRAME: 0676

PATENT ASSIGNMENT

MS Docket No.: 406105-US-NP

I <u>Andrew James HILLENI</u> joint inventor of subject matt application entitled " <u>METHOD</u> . <u>AND GROUNDING</u> " ("APPLICATION	er ("INVENTION") disc AND APPARATUS FOR	•	atent
LLC, One Microso LEGAL REPRESEN on the following Office	representative, Micro ft Way, Redmond, Was TATIVES), to insert and given Applic ce <u>US – United States F</u>	authorizes, and requests, esoft Technology Licensing, shington 98052 (ASSIGNEE'S here in parentheses (filed ration No by eatent and Trademark Office) ling date, and Office, when	
⊠ was filed on <u>April</u> 16/373314 by the	2, 2019 and was give e following Office " <u>US</u> '		
Microsoft Technology Li behalf of itself and its successo of acquiring, the entire and ex priority, in the INVENTION and derived therefrom, such as con United States, its territories, an	rs and assigns ("ASSIG xclusive rights, title a the APPLICATION (and ntinuing applications,	nd interest, including the right all other applications and pat in whole or in part, in and for	rous nt of ents r the
to insert the Application No.,	filing date, and Offic	SSIGNEE'S LEGAL REPRESENTAT e into the following table for	
APPLICATION DERIVATIVES after Application No.	Filing Date	Office	

Page 1 of 2

PATENT ASSIGNMENT

MS Docket No.: 406105-US-NP

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).

ash melle	4/1/2019
Inventor's Signature	Date
Andrew James HILLENIUS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 406105-US-NP

	Y LYTINITY X		1715 DOCKET 110 400105-05-111
inventor of application e	subject matter ("	NVENTION") disclosed ND APPARATUS FOR CIR	nal inventor or an original joint and/or claimed in a patent CUIT BOARD NOISE SHIELDINC
	ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby authorepresentative, Microsoft Way, Redmond, Washing ATIVES), to insert here and given Application US – United States Paters Application No., filing	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed n No by tand Trademark Office)
		2, 2019 and was given Ap following Office " <u>US</u> ";	oplication No
behalf of itsel of acquiring, priority, in th derived there	f and its successors the entire and exce e INVENTION and to from, such as cont	s and assigns ("ASSIGNEE" clusive rights, title and i he APPLICATION (and all cinuing applications, in w	on limited liability company, or i), is entitled to, and is desirous nterest, including the right of other applications and patents whole or in part, in and for the PPLICATION DERIVATIVES"));
			NEE'S LEGAL REPRESENTATIVES
	Application No., f DERIVATIVES after		to the following table for any
Application		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).

Jason Allen HARRIGAN
Printed Name in English
Printed Name in English

Printed Name in English

Printed Name in Native Language
(if other than English)