

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
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	Name	Execution Date
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	ROD G. FLECK	08/20/2013
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	Property Type	Number
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DATE SIGNED:	11/06/2015	
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source=Assignment Issa#page2.tif		
source=Assignment Fleck#page1.tif		
source=Assignment Fleck#page2.tif		

PATENT ASSIGNMENT

I, Syavosh Zad Issa ("ASSIGNOR"), am an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUDIO FOCUSING VIA MULTIPLE MICROPHONES" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Klarquist Sparkman, LLP, 121 SW Salmon Street, Suite 1600, Portland, OR 97204, who are associated with customer number 26119, (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 8/21/2013, and given Application No. 13/972,781 by the following Office: United States Patent and Trademark Office) this APPLICATION's Application No. 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 Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

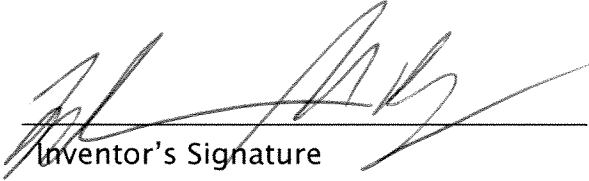
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

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 in the INVENTION and the APPLICATION (and 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	<u>08/20/2013</u> Date
<u>Syavosh Zad Issa</u> Printed Name in English	 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Rod G. Fleck ("ASSIGNOR"), am an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUDIO FOCUSING VIA MULTIPLE MICROPHONES" ("APPLICATION"), which:

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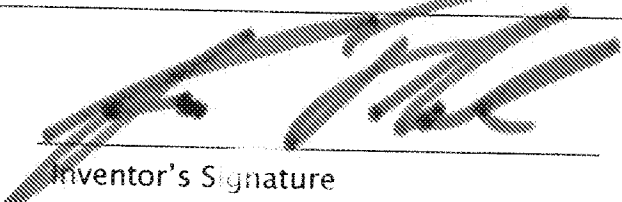


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