## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREAS STOLCKE	09/30/2014
MALCOLM SLANEY	10/01/2014
SREE HARSHA YELLA	10/01/2014

### **RECEIVING PARTY DATA**

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City:	REDMOND	
State/Country:	WASHINGTON	
Postal Code:	98052	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14504722

### CORRESPONDENCE DATA

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Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: **REDMOND, WASHINGTON 98052** 

ATTORNEY DOCKET NUMBER: 355738.01 **NAME OF SUBMITTER:** JOSEPH R. KELLY SIGNATURE: /Joseph R. Kelly/

**DATE SIGNED:** 10/02/2014

### **Total Attachments: 5**

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PATENT

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PATENT REEL: 033872 FRAME: 0515

PATENT ASSIGNMENT MS Docket No.: 355738.01 I Andreas Stolcke ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED SPEECH PROCESSING" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on \_\_\_\_\_\_ and given Application No. \_\_\_\_\_\_ by the following Office <u>US - United</u> 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 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, 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

MS Docket No.: <u>355738.01</u>

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	9/30/2014 Date
Andreas Stolcke	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of	subject matter	("INVENTION") disclosed	l inventor or an original joint and/or claimed in a patent PROCESSING" ("APPLICATION"),
	ASSIGNEE'S legal Department, Microwashington 980 insert here in par Application No.  States Patent	ASSIGNOR hereby authorepresentatives, of the Latosoft Corporation, One M 52 (ASSIGNEE'S LEGAL entheses (filed on by the following date, and Office, where	aw and Corporate Affairs icrosoft Way, Redmond, REPRESENTATIVES), to and given owing Office US - United this APPLICATION's
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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

Page 1 of 2

MS Docket No.: <u>355738.01</u>

MS Docket No.: <u>355738.01</u>

for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Inventor's Signature  Malcolm Slaney	10/1/2019 Date
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: 355738.01

Sree Harsha Yella ("ASSIGNOR") am the original inventor or an original joint inventor of subject ma NTION") disclosed and/or claimed in a patent application entitled "NEURAL NETWORK-BASED SPE SSING" ("APPLICATION"), which:
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Darsie	01/10/2014
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Page 1 of 1

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