# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIAOZHUO CHENG	06/29/2021
BILJANA BELAMARIC WILSEY	06/29/2021
XIAOLONG LI	06/29/2021
HAIPENG LIU	07/02/2021
XU YANG	06/29/2021
JARED PETERSON	06/30/2021

# **RECEIVING PARTY DATA**

Name:	SAS INSTITUTE INC.
Street Address:	SAS CAMPUS DRIVE
City:	CARY
State/Country:	NORTH CAROLINA
Postal Code:	27513

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

Property Type	Number
Application Number:	17370441

# **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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ATTORNEY DOCKET NUMBER: 1080.100256US	
NAME OF SUBMITTER: MICHELE FITZSIMMONS	
SIGNATURE: /Michele Fitzsimmons/	
<b>DATE SIGNED:</b> 07/13/2021	

**Total Attachments: 2** 

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Attorney Docket Number: 1080.100256US

### **ASSIGNMENT**

WHEREAS, one or more inventions have been made by the undersigned in

# SPEECH-TO-ANALYTICS FRAMEWORK WITH SUPPORT FOR LARGE N-GRAM CORPORA

and ar	e the subject of a patent application filed in the U	Inited States Patent and Trademark Office
on _	, under Application Serial No	, which application is identified as
Docke	t No. 1080.100256US	

WHEREAS, SAS INSTITUTE INC., a North Carolina corporation, located and doing business at SAS Campus Drive, Cary, North Carolina 27513, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in said inventions and patent rights therefor throughout the world.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, THE UNDERSIGNED HEREBY SELLS, ASSIGNS, TRANSFERS, AND DELIVERS TO ASSIGNEE all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent rights, patent applications, and inventor's certificates for said inventions, including without limitation said application for patent in the United States and all provisionals, divisions, continuations, continuations-in-part, and resulting patents, all right to sue for infringement or past infringement, and all patents and patent rights that may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns, any invention right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Patent and Trademark Office is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the patents, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the patents.

The undersigned hereby grants the firm of Kacvinsky Daisak Bluni PLLC the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Attorney Docket Number: 1080.100256US

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

/Xiaozhuo Cheng/	06/29/2021
XIAOZHUO CHENG	Date
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/Biljana Belamaric Wilsey/ BILJANA BELAMARIC WILSEY	06/29/2021 Date
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XIAOLONG LI	Date
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HAIPENG LIU	Date
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/Xu Yang/	06/29/2021
XU YANG	Date
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/Jared Peterson/	06/30/2021
JARED PETERSON	Date
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**RECORDED: 07/13/2021**