## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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BENJAMIN GOLDSMITH	02/23/2020
HENDRIK HARKEMA	02/20/2020

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

Property Type	Number
Application Number:	16799495

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ATTORNEY DOCKET NUMBER:	SAMS12-00588
NAME OF SUBMITTER:	DAVID M. DOYLE
SIGNATURE:	/David M. Doyle/
DATE SIGNED:	02/24/2020

### **Total Attachments: 3**

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> REEL: 051908 FRAME: 0496 505932304

**PATENT** 

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	STRUCTURED ADVERSARIAL TRAINING FOR NATURAL LANGUAGE MACHINE LEARNING TASKS		
As the undersigned inventor, I hereby declare that:			
This combined assignment is	d declaration and directed to:    Solution   Solution		
The above-ide	The above-identified application was made or authorized to be made by me.		
I believe that I	I am the original inventor or an original joint inventor of a claimed invention in the application.		
	I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.		
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 3	7 CFR	
WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;			
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, we, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.			
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, we agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, we agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.			
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
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LEGAL NAM	ME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: <u>Ed</u>	dward P. Stabler Date: February 21, 2020		
Signature:	454		

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PATENT REEL: 051908 FRAME: 0497

LEGAL NAMI	E OF SECOND INVENTOR (e.g., full	first name, middle init	tial, last name)	
Inventor: Ber	njamin Goldsmith		2/23	12020
Signature:	4			,
į.				

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Hendrik Harkema	Date:February 20, 2020	
Signature:		

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**RECORDED: 02/24/2020**