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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUI WANG	11/29/2021
YANG LI	11/29/2021
YEQING HU	11/29/2021
JUNMO SUNG	11/30/2021
TIEXING WANG	11/29/2021
JIANZHONG ZHANG	12/02/2021

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17541160

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SAMS10-01858
NAME OF SUBMITTER:	JACOB L. LACOMBE
SIGNATURE:	/Jacob L. LaCombe/
DATE SIGNED:	12/02/2021

Total Attachments: 6

PATENT REEL: 058275 FRAME: 0725

PATENT REEL: 058275 FRAME: 0726

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

Title of Invention	METHOD AND APPARATUS FOR BANDWIDTH-ADAPTIVE AND MODEL-ORDER-ADAPTIVE CHANNEL PREDICTION	
As the undersigned inventor, I hereby declare that:		
This combined declaration and assignment is directed to: The attached application, or United States application or PCT International application number filed on		
The above-ide	ntified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
	d and understand the contents of the application including the claims, for which this combined declaration and 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 37 CFR	
WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, 16677, 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.		
LEGAL NAM	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: Ru	Wang Date: Nov 29, 2021	
Signature: //	Rui Wang	

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PATENT REEL: 058275 FRAME: 0727

SAMS10-01858

LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
Inventor:	Yang Li	Date: Nov 29, 2021
Signature:	Yangli	

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)		
Inventor:	Yeqing Hu	Date: Nov 29, 2021
Signature:	/ Yeging Hu /	

LEGAL N	AME OF FOURTH INVENTOR (e.g., full first name,	middle initial, last name)
Inventor:	Junmo Sung	Date: Nov 30, 2021
Signature:	Dunmo Sung	

LEGAL NAME OF FIFTH INVENTOR (e.g., full first name, middle initial, last name)		
Inventor:	Tiexing Wang	Date: Nov 29, 2021
Signature:	¡Tiexing Wang	

LEGAL NAME OF SIXTH INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Jianzhong Zhang	Date: Dec 2, 2021	
Signature: / Jianzhong Charlie Zhang /		

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RECORDED: 12/02/2021