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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
HYEJUNG JUNG	09/25/2019
VIJAY NANGIA	09/26/2019
RAVI KUCHIBHOTLA	09/25/2019
HOSSEIN BAGHERI	09/25/2019

RECEIVING PARTY DATA

Name:	LENOVO (SINGAPORE) PTE. LTD.	
Street Address:	151, LORONG CHUAN #02-01	
City:	NEW TECH PARK	
State/Country:	SINGAPORE	
Postal Code:	556741	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17390925

CORRESPONDENCE DATA

Fax Number: (877)685-7289

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.

Phone: 312-883-5555

Email: docketing@loppchap.com

LOPPNOW & CHAPA [MOTOROLA] **Correspondent Name:**

Address Line 1: P.O. BOX 7588

Address Line 4: LIBERTYVILLE, UNITED STATES 60048

ATTORNEY DOCKET NUMBER:	SMM920180035-US-CNT	
NAME OF SUBMITTER:	MATTHEW C. LOPPNOW	
SIGNATURE:	/Matthew C. Loppnow/	
DATE SIGNED:	07/31/2021	

Total Attachments: 12

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PATENT REEL: 057045 FRAME: 0334

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Hyejung Jung, Northbrook, IL; Vijay Nangia, Woodridge, IL; Ravi Kuchibhotla, Clarendon Hills, IL**; and **Hossein Bagheri, Urbana, IL** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto LENOVO (SINGAPORE) PTE. LTD., a corporation of Singapore, having a place of business at 151, Lorong Chuan #02-01, New Tech Park, Singapore 556741, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions described, illustrated and claimed in the following applications:

- 1. U.S. Application filed herein and entitled: "METHOD AND APPARATUS FOR COMMUNICATING USER DATA VIA A PHYSICAL SHARED CHANNEL"; and
- 2. U.S. Application No. **62/738,872**, filed on **September 28, 2019** entitled "METHOD AND APPARATUS FOR COMMUNICATING ON A WIRELESS NETWORK";

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize Assignee to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or reexaminations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

(1) Legal Name of Inventor: **Hyejung Jung**

Signature:	09/25/2019 Date:
(2) Legal Name of Inventor: Vijay Nangia	
Signature:	Date:
(3) Legal Name of Inventor: Ravi Kuchibhotla Signature:	Date:

(4) Legal Name of Inventor: Hossein Bagheri	
Signature:	Date:

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(1) Legal Name of Inventor: Hyejung jung	
Signature:	Date:
(2) Legal Name of Inventor: Vijay Nangia	
Signature: Viay Parks	Date: 9/26/2019
(3) Legal Name of Inventor: Ravi Kuchibhotla	
Signature:	Date:

(4)	Legal Name of Inventor: Hossein Bagheri	
		T** /
	Signature:	Date:

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(1) Legal Name of Inventor: Hyejung Jung	
Signature:	Date:
(2) Legal Name of Inventor: Vijay Nangia	
Signature:	Date:
(3) Legal Name of Inventor: Ravi Kuchibhotla	
Signature:	Date: September 25 2019

(4) Legal Name of Inventor: Hossein Bagheri	
Signature:	Date:

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(1)	Legal Name of Inventor: Hyejung Jung	
	Signature:	_ Date:
(2)	Legal Name of Inventor: Vijay Nangia	
	Signature:	_ Date:
(3)	Legal Name of Inventor: Ravi Kuchibhotla	
	Signature:	Date:

(4)	Legal Name of Inventor:	Hossein Bagneri	

Nonoture: Date: Victorial Date:	Signature: I	Date:	9/25/2019	
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