Attorney Docket No.: 39843-0100IP1

In re Patent of:Havish Koorapaty, et al.U.S. Patent No.:10,306,669Issue Date:May 28, 2019Appl. Serial No.:16/203,391Filing Date:November 28, 2018Title:PHYSICAL UPLINK CONTROL CHANNEL (PUCCH)<br/>RESOURCE ALLOCATION

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## PETITIONER'S POWER OF ATTORNEY IN POST GRANT PROCEEDINGS BEFORE THE PATENT TRIAL AND APPEAL BOARD

Petitioner, Samsung Electronics Co., Ltd., hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with any *inter partes* review, covered business method review, post grant review, or other review proceedings before the Patent Trial and Appeal Board of the above-captioned patent:

> W. Karl Renner, Reg. No. 41,265 Jeremy Monaldo, Reg. No. 58,680 Alyaman Amer, Reg. No. 73,949

and all practitioners associated with PTO Customer Number 26171.

I have the authority to execute this document on behalf of Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd.

Hochin Cen Bv:

Name: Hoshin Lee

Title: Intellectutal Property(E), Corporate VP/Head of Group Date:  $\frac{2/24}{202}$