

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANKIT BHAMRI	03/18/2020
HIDETOSHI SUZUKI	03/17/2020
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16834240
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<b>ATTORNEY DOCKET NUMBER:</b>	736456.491C1
<b>NAME OF SUBMITTER:</b>	SHOKO I. LEEK
<b>SIGNATURE:</b>	/Shoko Leek/
<b>DATE SIGNED:</b>	03/30/2020
<b>Total Attachments: 3</b>	
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source=Assignment 736456.491C1#page3.tif	

ASSIGNMENT

WHEREAS, we,

Name	Address	
Ankit BHAMRI	c/o Panasonic R & D Center Germany GmbH Monzastraase 4c 63225 Langen, Germany	; and
Hidetoshi SUZUKI	c/o Panasonic Corporation 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "SIGNALING ASPECTS FOR INDICATION OF CO-SCHEDULED DMRS PORTS IN MU-MIMO," as described and claimed in the specification for which an application for United States letters patent was filed on March 30, 2020, and assigned Application No. 16/834,240;

WHEREAS,

Corporation Name	Address
Panasonic Intellectual Property Corporation of America	20000 Mariner Avenue Suite 200, Torrance, California 90503

(hereinafter referred to as ASSIGNEE), having a place of business at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by

Application No. 16/834,240

ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Assignee's counsel is authorized to insert the official filing date and application number information when it becomes available.

18.03.2020  
Date

 (Assignor)  
Ankit BHAMRI

I certify that I know or have satisfactory evidence that Ankit BHAMRI signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date \_\_\_\_\_

Signed at \_\_\_\_\_  
(City, State or Country)

\_\_\_\_\_  
(Name of Witness)

\_\_\_\_\_  
(Signature of Witness)

Application No. 16/834,240

Mar 17, 2020  
Date

Hidetoshi Suzuki (Assignor)  
Hidetoshi SUZUKI

I certify that I know or have satisfactory evidence that Hidetoshi SUZUKI signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date \_\_\_\_\_

Signed at \_\_\_\_\_  
(City, State or Country)

\_\_\_\_\_  
(Name of Witness)

\_\_\_\_\_  
(Signature of Witness)