

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEXANDER GOLITSCHKEK EDLER VON ELBWART	10/23/2018
AYAKO HORIUCHI	10/30/2018
LILEI WANG	10/25/2018
RECEIVING PARTY DATA	
Name:	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
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City:	TORRANCE
State/Country:	CALIFORNIA
Postal Code:	90503
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16300455
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	736456.472USPC
NAME OF SUBMITTER:	SHOKO I. LEEK
SIGNATURE:	/Shoko Leek/
DATE SIGNED:	11/21/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we,

Name	Address	
Alexander Golitschek Edler von Elbwart	c/o Panasonic R&D Center Germany GmbH Monzastrasse 4C, 63225 Langen, Germany	;
Ayako Horiuchi	c/o Panasonic Corporation 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan	; and
Lilei Wang	c/o Panasonic R&D Center China Co., Ltd. 15F, Tower F PhoenixPlace, 5A Shuguang Xili, Chaoyang District, Beijing 100028, China	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "SHORT LATENCY FAST RETRANSMISSION TRIGGERING," as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. 16/300,455; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/CN2016/082050, accorded an International Filing Date of May 13, 2016;

WHEREAS,

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

(hereinafter referred to as ASSIGNEE), having a usual 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;

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 divisions, reissues and continuations thereof, 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

International Application No.: PCT/CN2016/082050
U.S. Application No.: 16/300,455

entirely as the same would have been held and enjoyed by 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 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.

23 October 2018
Date


Alexander Golitschek Edler von Elbwart

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

Date _____
(Type or Print)

Signed at _____

(Type or Print Name of Witness)

(Signature of Witness)

International Application No.: PCT/CN2016/082050
U.S. Application No.: 16/300,455

Oct. 30, 2018
Date

Ayako Horiuchi
Ayako Horiuchi

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

Date _____
(Type or Print)

Signed at _____

(Type or Print Name of Witness)

(Signature of Witness)

Date

Lilei Wang

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

Date _____
(Type or Print)

Signed at _____

(Type or Print Name of Witness)

(Signature of Witness)

International Application No.: PCT/CN2016/082050
U.S. Application No.: 16/300,455

Date

Ayako Horiuchi

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

Date
(Type or Print)

Signed at

(Type or Print Name of Witness)

(Signature of Witness)

Oct. 25, 2018
Date

Lilei Wang
Lilei Wang

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

Date
(Type or Print)

Signed at

(Type or Print Name of Witness)

(Signature of Witness)

Docket No. 736456.472USPC | 6437787_1