506260146 09/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6306892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID GONZALEZ	08/28/2020
MING-HUNG TAO	08/20/2020
QUAN KUANG	08/20/2020
ANKIT BHAMRI	08/27/2020
LILEI WANG	09/14/2020
HIDETOSHI SUZUKI	08/24/2020
RIKIN SHAH	08/20/2020

RECEIVING PARTY DATA

Name:	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
Street Address:	20000 MARINER AVENUE
Internal Address:	SUITE 200
City:	TORRANCE
State/Country:	CALIFORNIA
Postal Code:	90503

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16981997

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 2066224900

Email: JessicaH@SeedIP.com

Correspondent Name: SEED INTELLECTUAL PROPERTY LAW GROUP LLP

Address Line 1: 701 FIFTH AVENUE

Address Line 2: SUITE 5400

Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	736456.495USPC
NAME OF SUBMITTER:	SHOKO I. LEEK
SIGNATURE:	/Shoko Leek/

506260146 PATENT REEL: 053820 FRAME: 0657

DATE SIGNED:	09/18/2020
Total Attachments: 8	
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PATENT REEL: 053820 FRAME: 0658

ASSIGNMENT

WHEREAS, we,

Name	Address	
David GONZALEZ	c/o Panasonic R&D Center Germany GmbH	;
	Monzastrasse 4C, Langen 63225 Germany	
Ming-Hung TAO	c/o Panasonic R&D Center Germany GmbH	;
	Monzastrasse 4C, Langen 63225 Germany	
Quan KUANG	c/o Panasonic R&D Center Germany GmbH	;
	Monzastrasse 4C, Langen 63225 Germany	
Ankit BHAMRI	c/o Panasonic R&D Center Germany GmbH	;
	Monzastrasse 4C, Langen 63225 Germany	
Lilei WANG	c/o Panasonic Corporation of China	;
	6F, Tower C, O. P, 5 Jinghua South St. Chaoyang,	
	Beijing 100020 China	
Hidetoshi SUZUKI	c/o Panasonic Corporation 1006	; and
	Oaza Kadoma Kadoma-shi, Osaka 571-8501 Japan	
Rikin SHAH	c/o Panasonic R&D Center Germany GmbH	d -3.
	Monzastrasse 4C, Langen 63225 Germany	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled PAGING OCCASION DESIGN IN NEW RADIO, as described and claimed in the specification of International Application No. PCT/CN2018/082061, accorded an International Filing Date of April 5, 2018, for which an application for United States letters patent is sought;

WHEREAS,

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

(hereinaster 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

International Application No.: PCT/CN2018/082061 U.S. Application No.: 16/981,997

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 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.

AV6057 28, 2020	
Date	David GONZÁLEZ
•	or have satisfactory evidence that David GONZALEZ signed will, as a voluntary act for the uses and purposes mentioned in
Date	Signed at
(Type or Print)	(City, State or Country
(Type or Print Name of Witness)	(Signature of Witness)

20. Aug. 2020	Ming-Hung TAO
Date	Ming-Hung TAO
I certify that I know	w or have satisfactory evidence that Ming-Hung TAO signed
this instrument of his/her own free	will, as a voluntary act for the uses and purposes mentioned is
the instrument.	
Date(Type or Print)	Signed at
(Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
Date	Quan KUANG
I certify that I know	w or have satisfactory evidence that Quan KUANG signed thi
I certify that I know	
I certify that I know instrument of his/her own free will	w or have satisfactory evidence that Quan KUANG signed thi

International Application No.: PCT/CN2018/082061 U.S. Application No.: 16/981,997

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Date	Ming-Hung TAO
Tourist death.	and a supplication of the
•	or have satisfactory evidence that Ming-Hung TAO signed vill, as a voluntary act for the uses and purposes mentioned in
the instrument.	m, as a voluntary act for the uses and purposes mentioned in
Date	Signed at
Date (Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
August 20, 2020	
Date	Quan KUANG
I consider that I language	on have action story and day of that Over WHANC signed this
•	or have satisfactory evidence that Quan KUANG signed this as a voluntary act for the uses and purposes mentioned in the
instrument.	as a voluntary act for the uses and purposes mendoned in the
msa amene.	
Date	Signed at
Date(Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)

27 08-2025 Date	Ankit BHAMRI
Lone	PORICOLLYCVIA
	have satisfactory evidence that Ankit BHAMRI signed this a voluntary act for the uses and purposes mentioned in the
Date	Signed at
(Type or Print)	(Cliy, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
Date	Lilei WANG
	r have satisfactory evidence that Lilei WANG signed this a voluntary act for the uses and purposes mentioned in the
Date :	Signed at
(Type or Print)	(City, State or Country)
Cr Philad Nieuw - of Military	(Signature of Witness)

International Application No.: PCT/CN2018/082061 U.S. Application No.: 16/981,997

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	International Application No.: PCT/CN2018/082061 U.S. Application No.: 16/981,997
Date	Ankit BHAMRI
I certify that I know o	or have satisfactory evidence that Ankit BHAMRI signed this
	as a voluntary act for the uses and purposes mentioned in the
instrument.	
Date	Signed at
Date(Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
<i>8</i> 5	N x 3 . 3
<u> </u>	Lilei WANG
Date	Life) WANG "
	and the second of the SYNANOS aloned this
I certify that I know	or have satisfactory evidence that Lilei WANG signed this as a voluntary act for the uses and purposes mentioned in the
instrument.	as a voluntary action the uses and purposes distincted in
HOLOUDAIL	
Date	Signed at
(Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)

	International Application No.: U.S. Application No.:	
Jugan 24, 2020	hulle Anni	
Date	Hidetoshi SUZUKI	
this instrument of his/her own free withe instrument.		
Date(Type or Print)	Signed at (City, State or Ce	untry?
(Type or Tuny	(e.i.y., state of Co	anity)
(Type or Print Name of Witness)	(Signature of Wit	ness)
Date	Rikin SHAH	.
Date	ARRIU BITEATT	
	or have satisfactory evidence that Ri	7
instrument of his/her own free will, a	s a voluntary act for the uses and pur	poses mentioned in the
instrument.		
Date	Signed at	
(Type or Print)	(City, State or Co	
(Type or Print Name of Witness)	(Signature of Wit	ness)
Docket No. 736456.495USPC 7519081_1		

	International Application No.: PCT/CN2018/082061 U.S. Application No.: 16/981,997
Date	Hidetoshi SUZUKI
I certify that I know	or have satisfactory evidence that Hidetoshi SUZUKI signed
this instrument of his/her own free v	will, as a voluntary act for the uses and purposes mentioned in
the instrument.	
Date	Signed at
Date (Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
	R.V.Shah
20.08.2020 Date	Rikin SHAH
Dute	Kikii Sii II
	or have satisfactory evidence that Rikin SHAH signed this
instrument of his/her own free will, instrument.	as a voluntary act for the uses and purposes mentioned in the
monument.	
Date (Type or Print)	Signed at(City, State or Country)
(Type or Print)	(City, State or Country)
(Type or Print Name of Witness)	(Signature of Witness)
Desket No. 726456 (081KDC) 751000 (1	

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