506543094 03/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6589872

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEN OMAE	12/16/2020
KANA MIYATA	12/06/2020
TOSHIAKI TANAKA	12/16/2020
YUKI MINODA	12/18/2020
YUSHI NAKAMURA	02/01/2021
KOH UEHARA	01/06/2021

RECEIVING PARTY DATA

Name:	: PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	
Street Address: 1-61, SHIROMI 2-CHOME, CHUO-KU, OSAKA-SHI		
City:	OSAKA	
State/Country:	JAPAN	
Postal Code:	540-6207	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29770581

CORRESPONDENCE DATA

Fax Number:

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.

Email: epas.pkp@ml.jp.panasonic.com

Correspondent Name: PASONA KNOWLEDGE PARTNER INC.

Address Line 1: 8F OBP PANASONIC TOWER

Address Line 2: 1-61, SHIROMI 2-CHOME, CHUO-KU

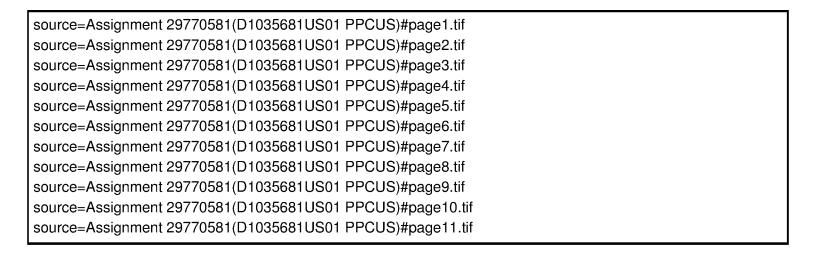
Address Line 4: OSAKA, JAPAN 540-6208

ATTORNEY DOCKET NUMBER:	D1035681US01
NAME OF SUBMITTER:	TETSUO HIRABAYASHI
SIGNATURE:	/Tetsuo HIRABAYASHI/
DATE SIGNED:	03/08/2021

Total Attachments: 11

PATENT REEL: 055525 FRAME: 0734

506543094



Assignment	Form	(Oct.	2014)	

Panasonic Ref*: _	D1035681US01	Application Serial No
Japan Firm Name:	PIPM Direct	Japan Firm Ref:
US Firm Name*: _	PPC	US Firm Ref:
(* must be filled)		

WHEREAS, the undersigned has (have) invented the invention entitled:

Willerter to, the didensigned has (have) invented the invention chitica.			
Box 1			
Title of Invention: DISPLAY SCREEN WITH GRAPHICAL USER	NTERFACE		
1. For use when signing Declaration prior to filin	g U.S. patent application (check or	aly one box below)	
(a) ■ for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or			
(b)□ for which an application for U.S. patent has been executed	on the following date(s):	, or	
(if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if t	he Declaration was signed before this Assign	nment, enter the date(s) on which you signed the Declaration)	
(c)□ for which an International Application has been filed as:			k
(for the PCT-US national entry, check only (c) and enter PCT application number in the right)			
2. For use when signing Declaration	tion after filing U.S. patent applicat	on	
(d)□ for which an application for U.S. patent has been filed on:	Application Filing Date	al	nd,
WHEREAS, Panasonic Intellectual Property Management	Co., Ltd. of 1-61, Shiromi 2-ch	ome, Chuo-ku, Osaka-shi, Osaka 540-620	7

ASSIGNMENT

<u>Japan</u>, and <u>its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.</u>

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

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IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s)

Box2	(Each Inventor, please Sign and Date below)		
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(1)	Ken Omae	/Ken Omae/	Month, Date, Year Dec,16th, 2020
(2)	Kana Miyata		Month, Date, Year
(3)	Toshiaki Tanaka		Month, Date, Year
(4)	Yuki Minoda		Month, Date, Year

■ Check if additional paper(s) is/are attached. Total of 2 pages are submitted

ASSIGNMENT (Cont.)

Additional Inventors:

(e) First Name, Last Name (f) Signature (g) Date signed World, Date, Year (h) Koh Uehara (h) Koh Uehara (h) Morrie, Date, Year (h) Morrie, Date, Year		2 (Continued)		
(6) Koh Uehara Moort, Data, Year (7) Moort, Data, Year (8) Moort, Data, Year (9) Moort, Data, Year (10) Moort, Data, Year (11) Moort, Data, Year (12) Moort, Data, Year (14) Moort, Data, Year (15) Moort, Data, Year (16) Moort, Data, Year (17) Moort, Data, Year (18) Moort, Data, Year (19) Moort, Data, Year (19) Moort, Data, Year (10) Moort, Data, Year (11) Moort, Data, Year (12) Moort, Data, Year (13) Moort, Data, Year (14) Moort, Data, Year (15) Moort, Data, Year (17) Moort, Data, Year (18) Moort, Data, Year (20) Moort, Data, Year (21) Moort, Data, Year		(e) First Name, Last Name	(f) Signature	(g) Date signed
66 Koh Uehara (7) Month, Date, Year (8) Month, Date, Year (10) Month, Date, Year (11) Month, Date, Year (12) Month, Date, Year (13) Month, Date, Year (14) Month, Date, Year (15) Month, Date, Year (16) Month, Date, Year (17) Month, Date, Year (18) Month, Date, Year (19) Month, Date, Year (19) Month, Date, Year (19) Month, Date, Year (20) Month, Date, Year (21) Month, Date, Year (22) Month, Date, Year (23) Month, Date, Year (24) Month, Date, Year (25) Month, Date, Year	(5)	Yushi Nakamura		Month, Date, Year
(6)	(6)	Koh Uehara		Month, Date, Year
(8)	(7)			Month, Date, Year
(10) (11) (11) (12) (13) (14) (15) (16) (17) (18) (18) (19) (20) (21) (10) (10) (11) (11) (12) (13) (14) (15) (16) (17) (18) (18) (19) (19) (20) (21)	(8)			Month, Date, Year
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(16) (17) (18) (19) (20) Month, Date, Year	(15)			Month, Date, Year
(17) (18) (19) (20) (21) (Month, Date, Year Month, Date, Year Month, Date, Year Month, Date, Year Month, Date, Year	(16)			Month, Date, Year
(18)	(17)			Month, Date, Year
(20) Month, Date, Year (21) Month, Date, Year Month, Date, Year	(18)			Month, Date, Year
(20) Month, Date, Year Month, Date, Year	(19)			Month, Date, Year
(21) Month, Date, Year	(20)			Month, Date, Year
	(21)			Month, Date, Year
	(22)			Month, Date, Year

Assignment	Form	(Oct.	2014)

Panasonic Ref*: _	D1035681US01	Application Serial No
Japan Firm Name:	PIPM Direct	Japan Firm Ref:
US Firm Name*:	PPC	US Firm Ref:
(* must be filled)		

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:			
Box 1			
Title of Invention:			
DISPLAY SCREEN WITH GRAPHICAL USER	RINTERFACE		
1. For use when signing Declaration prior to filin	g U.S. patent application (check or	nly one box below)	
(a) ■ for which an application for U.S. patent has been executed	d by the undersigned concu	urrently herewith, or	
(b)□ for which an application for U.S. patent has been executed	on the following date(s):	, or	
(if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if t	the Declaration was signed before this Assign	nment, enter the date(s) on which you signed the Declaration)	
(c)□ for which an International Application has been filed as: (for the PCT-US national entry, check only (c) and enter PCT application number in the right)	PCT Application No.	and	
2. For use when signing Declaration after filing U.S. patent application			
(d)□ for which an application for U.S. patent has been filed on:	Application Filing Date	and,	
WHEREAS, Panasonic Intellectual Property Management Co., Ltd. of 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207			

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its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

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IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

	IN WITH LOS WILLIACOT, executed by the undersigned on the date(s) following the undersigned marine(s) and signature(s).				
Box2	② (Each Inventor, please Sign and Date below)				
	(e) First Name, Last Name	(f) Signature	(g) Date signed		
(1)	Ken Omae		Month, Date, Year		
(2)	Kana Miyata	Kana Miyata	Month, Date, Year Dec. 6. 2020		
(3)	Toshiaki Tanaka		Month, Date, Year		
(4)	Yuki Minoda		Month, Date, Year		

■ Check if additional paper(s) is/are attached. Total of 2 pages are submitted

ASSIGNMENT (Cont.)

Additional Inventors:

Box2	Box2 (Continued)				
	(e) First Name, Last Name	(f) Signature	(g) Date signed		
(5)	Yushi Nakamura		Month, Date, Year		
(6)	Koh Uehara		Month, Date, Year		
(7)			Month, Date, Year		
(8)			Month, Date, Year		
(9)			Month, Date, Year		
(10)			Month, Date, Year		
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(21)			Month, Date, Year		
(22)			Month, Date, Year		

	Assignment Form (Oct. 2014)
Panasonic Ref*: D1035681US01	Application Serial No
Japan Firm Name: PIPM Direct	Japan Firm Ref:
US Firm Name*: PPC	US Firm Ref:
(° must be filled)	

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:	***************************************	
Box 1		
Title of Invention: DISPLAY SCREEN WITH GRAPHICAL USEF	RINTERFACE	
1. For use when signing Declaration prior to filin	ng U.S. patent application (check only	one box below)
(a) for which an application for U.S. patent has been execute	d by the undersigned concur	rently herewith, or
(b) for which an application for U.S. patent has been executed (f) Declaration & Assignment are signed on the same day, check (a) and make no entry in the biank if		
(c) for which an International Application has been filed as: (for the PCT-US national entry, check only is: and soler PCT application number in the right)	PCT Application No.	and
2. For use when signing Declara	ation after filing U.S. patent applicatio	п
(d)p for which an application for U.S. patent has been filed on:	Application Filing Date	and,
WHEREAS, <u>Panasonic Intellectual Property Management</u> <u>Japan</u> , and		me, Chuo-ku, Osaka-shi, Osaka 540-6207

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

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Box2	ox2 (Each Inventor, please Sign and Date below)				
	(e) First Name, Last Name	(f) Signature	(g) Date signed		
(1)	Ken Omae		Month, Date, Year		
(2)	Kana Miyata		Month, Date, Year		
(3)	Toshiaki Tanaka	Tashadi Caraba	Month, Dale, Year		
(4)	Yuki Minoda		Month, Date: Year		

■Check if additional paper(s) is/are attached. Total of 2 pages are submitted.

Assignment	Form	(Oct.	2014)

and

Panasonic Ref*: _	D1035681US01	
Japan Firm Name:	PIPM Direct	
US Firm Name*: _	PPC	

WHEREAS, the undersigned has (have) invented the invention entitled:

(c) for which an International Application has been filed as:

Application Senai No.	
Japan Firm Ref:	
US Firm Ref:	

(* must be filled)

ASSIGNMENT

(for the PCT-US national entry, check only (c) and enter PCT application number in the right)

2. For use when signing Declaration after filing U.S. patent application

(d) for which an application for U.S. patent has been filed on: Application Filing Date

and.

PCT Application No.

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Box2	2 (Each Inventor, please Sign and Date below)				
	(e) First Name, Last Name	(f) Signature	(g) Date signed		
(1)	Ken Omae		Month, Date, Year		
(2)	Kana Miyata		Month, Date, Year		
(3)	Toshiaki Tanaka		Month, Date, Year		
(4)	Yuki Minoda	/ YUKI MINODA/	Month, Date, Year December 18, 2020		

■ Check if additional paper(s) is/are attached. Total of 2 pages are submitted.

ASSIGNMENT (Cont.)

Additional Inventors:

	Continued)		
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(5)	Yushi Nakamura		Month, Date, Year
(6)	Koh Uehara		Month, Date, Year
(7)			Month, Date, Year
(8)			Month, Date, Year
(9)			Month, Date, Year
(10)			Month, Date, Year
(11)			Month, Date, Year
(12)			Month, Date, Year
(13)			Month, Date, Year
(14)			Month, Date, Year
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(20)			Month, Date, Year
(21)			Month, Date, Year
(22)			Month, Date, Year

Assignment	Form	(Oct.	2014)

Panasonic Ref*: _	D1035681US01	_
Japan Firm Name:	PIPM Direct	
US Firm Name*: _	PPC	

Application Serial No.	
Japan Firm Ref:	
US Firm Ref:	

(* must be filled)

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention:		
DISPLAY SCREEN WITH GRAPHICAL USER	≀ INTERFACE	
1. For use when signing Declaration prior to filin	g U.S. patent application (check or	nly one box below)
(a) ■ for which an application for U.S. patent has been executed	d by the undersigned concu	urrently herewith, or
(b)□ for which an application for U.S. patent has been executed	on the following date(s):	, or
(if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if i	the Declaration was signed before this Assign	nment, enter the date(s) on which you signed the Declaration)
(c)□ for which an International Application has been filed as:	PCT Application No.	and
(for the PCT-US national entry, check only (c) and enter PCT application number in the right)	1 61 Application No.	and
2. For use when signing Declara	tion after filing U.S. patent applicat	ion
(d)□ for which an application for U.S. patent has been filed on:	Application Filing Date	and,
(d) 101 which an application for 0.0. patent has been filed on.	Application 1 ling Date	all'

WHEREAS, Panasonic Intellectual Property Management Co., Ltd. of 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6207

<u>Japan</u>, and_

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States and any foreign patent(s) to the Assignee(s) and to vest all rights hereby conveyed to the Assignee(s) as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof.

The undersigned hereby grant(s) the Assignee(s) and the appointed U.S. patent attorneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document.

The undersigned hereby agree(s) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box2	(Each Inventor, please Sign and Date be	elow)	
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(1)	Ken Omae		Month, Date, Year
(2)	Kana Miyata		Month, Date, Year
(3)	Toshiaki Tanaka		Month, Date, Year
(4)	Yuki Minoda		Month, Date, Year

■ Check if additional paper(s) is/are attached. Total of 2 pages are submitted.

ASSIGNMENT (Cont.)

Additional Inventors:

	Continued)		
	(e) First Name, Last Name	(f) Signature	(g) Date signed
(5)	Yushi Nakamura		Month, Date, Year
(5)	- Tuom Hanamara	/Yushi Nakamura/	FEB 01, 2021
(6)	Koh Uehara		Month, Date, Year
(7)			Month, Date, Year
(8)			Month, Date, Year
(9)			Month, Date, Year
(10)			Month, Date, Year
(11)			Month, Date, Year
(12)			Month, Date, Year
(13)			Month, Date, Year
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(21)			Month, Date, Year
(22)			Month, Date, Year

Assignment	Form	(Oct.	2014)	
		_		

and.

Panasonic Ref*:	D1035681US01	
Japan Firm Name:	PIPM Direct	
US Firm Name*:	PPC	

WHEREAS, the undersigned has (have) invented the invention entitled:

(d) for which an application for U.S. patent has been filed on:

(b) for which an application for U.S. patent has been executed on the following date(s):

Application Senai No.	
Japan Firm Ref:	
US Firm Ref:	

Annication Corial Na

(* must be filled)

ASSIGNMENT

Box 1

Title of Invention:
DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

1. For use when signing Declaration prior to filing U.S. patent application (check only one box below)

(a) for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or

(if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if the Declaration was signed before this Assignment, enter the date(s) on which you signed the Declaration)

(c) | for which an International Application has been filed as:
(for the PCT-US national entry, check only (c) and enter PCT application number in the right)

PCT Application No.

2. For use when signing Declaration after filing U.S. patent application

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<u>Japan</u>, and

Application Filing Date

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(2)	Kana Miyata		Month, Date, Year
(3)	Toshiaki Tanaka		Month, Date, Year
(4)	Yuki Minoda		Month, Date, Year

■ Check if additional paper(s) is/are attached. Total of 2 pages are submitted.

ASSIGNMENT (Cont.)

Additional Inventors:

ional Inventors: (Continued)		1
(e) First Name, Last Name	(f) Signature	(g) Date signed
Yushi Nakamura		Month, Date, Year
Koh Uehara	/Koh LIEHARA/	Month, Date, Year
	TROIT OLITARA	Jan 6, 2021 Month, Date, Year
		Month, Date, Year
		Month, Date, Year
		Month, Date, Year
		Month, Date, Year
	(Continued) (e) First Name, Last Name Yushi Nakamura	(Continued) (e) First Name, Last Name Yushi Nakamura

PATENT REEL: 055525 FRAME: 0746

RECORDED: 03/08/2021