PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5882843

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHINTARO TSUCHIYA	12/23/2019	
TAKAYUKI FUJIWARA	12/23/2019	
KENTAROU OONISHI	12/23/2019	
KATSURO KIKUCHI	12/23/2019	
YOSHIHITO NARITA	12/23/2019	

RECEIVING PARTY DATA

Name:	HITACHI SYSTEMS, LTD.	
Street Address:	1-2-1, OSAKI, SHINAGAWA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	141-8672	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16626031

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.

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ATTORNEY DOCKET NUMBER:	036595.435867	
NAME OF SUBMITTER:	HENRY J. DALEY	
SIGNATURE:	/Henry J. Daley/	
DATE SIGNED:	12/23/2019	

Total Attachments: 4

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PATENT REEL: 051359 FRAME: 0897

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> PATENT REEL: 051359 FRAME: 0898

Atty Docket: 036595.435867

WORLDWIDE ASSIGNMENT

WHEREAS, Shintaro Tsuchiya; Takayuki Fijuwara; Kentarou Oonishi; Katsuro Kikuchi and Yoshihito Narita, hereinafter referred to as the Assignor, have invented a certain improvement relating to CONTENT PRESENTATION SYSTEM AND CONTENT PRESENTATION METHOD, for which said Assignor has caused an application for United States Letters Patent to be prepared,

[X] the inventor's declaration for said application instrument; said application to be filed in the U.S. Pa		ition of this
[] said application having been filed in the U.S. Application No;	Patent and Trademark Office on	, and given
[] said U. S. Provisional Application having been fi;	led in the U.S. Patent and Trademark Office of	n
[] said application having been filed under the International Application No.	Patent Cooperation Treaty on the United States of America having been d	, and given esignated;

WHEREAS, HITACHI SYSTEMS, LTD., having a principal place of business located at 1-2-1. Osaki, Shinagawa-ku, Tokyo 141-8672 Japan, hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by Assignee to Assigner, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire and exclusive right, title, and interest for the United States in and to the invention, the application, any non-provisional application, and any patents which may be granted therefor, including any and all divisions, continuations, in whole or in part, substitutions, renewals, reissues, reexaminations, and extensions thereof, and all applications claiming priority therefrom; and Assignor authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for the invention, or patents resulting therefrom, insofar as their interest is concerned, to Assignee; to have, hold, exercise, and enjoy, with all the rights, powers, privileges, and advantages in anywise arising therefrom or appertaining thereto, for and during the term or terms of any and all such patents when granted, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as Assignor might or could have held and enjoyed the same, if this assignment had not been made.

Assignor further hereby assigns, sells and transfers, and has assigned, sold, and transferred to Assignee, its successors and assigns, the entire right, title and interest in all countries of the world, in and to the invention and in and to the application and all patents which may be granted therefor, and all national applications, regional applications, divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, including the right to file applications and obtain patents for the invention in its own name, in all countries and including all rights of priority in all countries under the terms of any applicable international convention, insofar as its interest is concerned; and the Assignor hereby authorizes and requests the applicable patent office in each country of the world to issue all patents for the invention, or patents resulting therefrom, insofar as its interest is concerned, to the Assignee, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which any and all of such patents for the invention may issue, to the same extent as the Assignor would hold and enjoy if this Assignment had not been made.

Atty Docket: 036595.435867

WORLDWIDE ASSIGNMENT

The Assignor further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce proper patent protection for said invention.

IN WITNESS WHEREOF, each individual collectively referred to as Assignor has caused this Assignment to

be executed. EXECUTED this 23 day of December, 2019. ASSIGNOR: Shintaro Tsuchiya WITNESS: Signature: Shin Paro Tou ohiyu Signature: Name: Address: EXECUTED this 23 day of December 2019. ASSIGNOR: Takayuki Fujiwara WITNESS: Signature: Takayuki Fuiriwawa Signature: Name: Address: EXECUTED this 23 day of December 2019. ASSIGNOR: Kentarou Oonishi WITNESS: Signature: Kenturan Ooniski Signature:___ Name: Address: EXECUTED this 23 day of December 2019. ASSIGNOR: Katsuro Kikuchi WITNESS: Signature: Kabus Likushi Signature: Name:

Atty Docket: 036595.435867

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EXECUTED this <u>Z3</u> day of <u>Docember</u> , 2	o <i>L9</i>
ASSIGNOR: Yoshihito Narita Signature: Yoshihito Narita	WITNESS: Signature: Name: Address:

PATENT REEL: 051359 FRAME: 0902

RECORDED: 12/23/2019