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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EMPIRE TECHNOLOGY DEVELOPMENT, LLC	03/09/2020

RECEIVING PARTY DATA

Name:	HUAWEI DEVICE CO., LTD.
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PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	12999130
Application Number:	14483928
Application Number:	13511844
Application Number:	14982184
Application Number:	13700968
Application Number:	14150143
Application Number:	13805464
Application Number:	14175232
Application Number:	13636794
Application Number:	12611083
Application Number:	14644957
Application Number:	13380301
Application Number:	14979130

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DATE SIGNED:	03/18/2020

Total Attachments: 3

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Assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, *Empire Technology Development*, *LLC*, a *Delaware limited liability company* ("Assignor"), hereby:

sells, assigns, transfers and conveys unto Huawei Device Co., Ltd., having its office at B2-5 of Nanfang Factory, No.2 of Xincheng Road, Songshan Lake Science and Technology Industrial Zone, Dongguan, Guangdong, PRC("Assignee"), and its successors, all rights, title and interest that exist today and may exist in the future in and to all of the following:

- (A) all (a) provisional patent applications, patent applications and patents listed below in this Assignment of Patent Rights; (b) patents or patent applications (i) to which any of the foregoing directly or indirectly claims priority, and/or (ii) for which any of the foregoing or the following directly or indirectly forms a basis for priority; (c) reissues, reexaminations, extensions, continuations, substitutions, continuing prosecution applications, requests for continuing examinations and divisions of any item in the foregoing categories (a) and (b); and (d) foreign patents, patent applications and counterparts, including international and regional applications, relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances (the "Transferred Patents");
- (B) Inventions, invention disclosures and discoveries described in any of the Transferred Patents;
- (C) Rights to apply in any or all countries of the world for any of the Transferred Patents and the inventions, invention disclosures and discoveries therein;
- (D) Causes of action and other enforcement rights under, or on account of, any of the Transferred Patents, including, without limitation, all causes of action and other enforcement rights for (i) damages, (ii) injunctive relief, and (iii) any other remedies of any kind for past, current and future infringement; and
- (E) Rights to collect royalties or other payments under or on account of any of the Transferred Patents and/or any of the foregoing.

Application No.	Title	Filed Date	Granted Date
12/999130	REMOTE DISPLAY CONTROL	12/15/2010	10/21/2014
14/483928	REMOTE DISPLAY CONTROL	9/11/2014	2/14/2017
13/511844	SAFETY SCHEME FOR GESTURE- BASED GAME	5/24/2012	2/23/2016
14/982184	SAFETY SCHEME FOR GESTURE- BASED GAME	12/29/2015	11/21/2017
13/700968	SAFETY SCHEME FOR GESTURE- BASED GAME SYSTEM	11/29/2012	2/25/2014
14/150143	SAFETY SCHEME FOR GESTURE- BASED GAME SYSTEM	1/8/2014	9/8/2015

Application No.	Title	Filed Date	Granted Date
13/805464	PAUSE AND RESUME SCHEMES FOR GESTURE-BASED GAME	12/19/2012	4/1/2014
14/175232	PAUSE AND RESUME SCHEMES FOR GESTURE-BASED GAME	2/7/2014	12/29/2015
13/636794	SAFETY SCHEME FOR GESTURE- BASED GAME SYSTEM	9/24/2012	7/29/2014
12/611083	Image Matching to Augment Reality	11/2/2009	4/7/2015
14/644957	Image Matching to Augment Reality	3/11/2015	
13/380301	AUGMENTED REALITY PRESENTATIONS	12/22/2011	2/9/2016
14/979130	AUGMENTED REALITY PRESENTATIONS	12/22/2015	11/14/2017

AND Assignor hereby agree to execute without further consideration any further documents and instruments which may be lawful and proper in the prosecution of the Transferred Patents, and which may be desirable or necessary to secure to Assignee its rights, title and interest in and to said Patents;

AND Assignor hereby authorize the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other governmental grants or issuances that may be granted upon any of the Transferred Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives and will be binding upon Assignor, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at South
On the date of $3 - 9 - 20$
ASSIGNOR
EMPIRE TECHNOLOGY DEVELOPMENT, LLC By:

Name: Thomas Kang

Title: CEO

ASSIGNEE

By: Yu Jian
Name: Jian Yu

Title: Supervisor of Process & Operation Dept.

PATENT REEL: 052144 FRAME: 0215

RECORDED: 03/18/2020