PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
QI SUN	03/21/2018	
PAUL JOHN ASENTE	03/21/2018	
LI-YI WEI	03/23/2018	
JINGWAN LU	03/21/2018	

RECEIVING PARTY DATA

Name:	ADOBE SYSTEMS INCORPORATED
Street Address:	345 PARK AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110-2704

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	15934000	
Application Number:	62581604	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P7509-US/ADBS.282229
NAME OF SUBMITTER:	SARA H. EATON
SIGNATURE:	/Sara H. Eaton/
DATE SIGNED:	05/16/2018

Total Attachments: 2

PATENT REEL: 045818 FRAME: 0092

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> PATENT REEL: 045818 FRAME: 0093

Attorney Docket No. P7509-US/ADBS.282229

ASSIGNMENT

WHEREAS, we, Qi Sun, Paul John Asente, Li-Yi Wei, and Jingwan Lu

("ASSIGNORS"), are the original and joint inventors of subject matter disclosed and/or claimed

in a provisional patent application, the title of which is:

DYNAMIC MAPPING OF VIRTUAL AND PHYSICAL INTERACTIONS

for which we are about to make, or have made, application for Letters Patent of the United States.

ASSIGNORS hereby authorize legal representatives of Shook, Hardy & Bacon L.L.P. to insert

here in parentheses the Application No. (<u>62/581,604</u>), and Filing Date (<u>November 3, 2017</u>),

when known; and

WHEREAS, ADOBE SYSTEMS INCORPORATED ("ASSIGNEE"), a

corporation duly organized under the laws of the State of Delaware, and having its principal place

of business at 345 Park Avenue, San Jose, California 95110-2704, USA, is desirous of acquiring

an interest in, to and under said invention, said application and any and all Letters Patent which

may be granted for or upon said invention in the United States of America and all countries foreign

thereto:

NOW, THEREFORE, to all whom it may concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer

unto said ASSIGNEE, the full and exclusive right, title and interest, throughout the world, in, to

and under said invention as fully set forth and described in the above-identified application; in, to

and under said application; in, to and under any and all refilings, divisions and continuations of

said application; in, to and under any and all Letters Patent of the United States of America which

may issue from said application, refilings, divisions and continuations; in, to and under any and

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all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said ASSIGNEE, for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 21	day of March Qi Sun / Qi Sun (Mar 21, 2018)	, 2018.	
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EXECUTED this ²¹	day of March Paul John Asente Paul John Asente	, 2018.	
EXECUTED this 23	day of March Li-Yi Wei Li-Yi Wei Li-Yi Wei	, 2018.	
EXECUTED this 21st	day of March January Lu January Alvar 21, 2018) Jingwan Lu	, 2018.	

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RECORDED: 05/16/2018