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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUNDA WANG	04/28/2017
SOUROBH RAYCHAUDHURI	05/09/2017
DAVID BIEGELSEN	04/28/2017
JAMIE KALB	05/02/2017
JENGPING LU	05/02/2017
EUGENE M. CHOW	05/01/2017
JULIE A. BERT	04/30/2017

RECEIVING PARTY DATA

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Street Address:	65 LIVINGSTON AVENUE
City:	ROSELAND
State/Country:	NEW JERSEY
Postal Code:	07068

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16781813

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DATE SIGNED:		02/06/2020	

Total Attachments: 4
source=20160977US02_102141_1090D_Assignment_PARC#page1.tif
source=20160977US02_102141_1090D_Assignment_PARC#page2.tif
source=20160977US02_102141_1090D_Assignment_PARC#page3.tif
source=20160977US02_102141_1090D_Assignment_PARC#page4.tif

Attorney File No.: 20160977US01

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled HIGH REGISTRATION PARTICLES-TRANSFERRING SYSTEM (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application;



is being executed concurrently herewith.

] was first executed on _

was filed on_____ as Application Number

Claims the benefit of U.S. Provisional Application(s) No(s).

Palo Alto Research Center Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application: and

- request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC; (1)
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already enterød above.

Yunda Wang

DATE

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Sourobh Raychaudhuri

JengPing Lu

DATE

Eugene M. Chow

DATE

Julie A. Bertd Biegelsen hié Kalb

DATE

DATE

PATENT REEL: 051835 FRAME: 0626

Attorney File No.: 20160977US01

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Yunda Wang	DATE
Sourobh Raychaudhuri	DATE ELLI
JengPingfu	BATE /2/24
Eugene M. Chow	DATE
Julie A. Bert	DATE
David Biegelsen	DATE
Jamie Kalb	DATE

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Sourobh Raychaudhuri	DATE
JengPing Lu Ang M. U.S.	DATE 5/1/17
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Sourobh Raychaudhuri	DATE	
JengPing Lu	DATE	
· · · · · · · · · · · · · · · · · · ·	DATE	
Eugene M. Chow <u>Juli A. Bert</u> Julie A. Bert	<u>2017/04/30</u>	
Julie A. Bert	DATE	
David Biegelsen	DATE	
Jamie Kalb	DATE	

PATENT REEL: 051835 FRAME: 0629

RECORDED: 02/06/2020