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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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MAHATI CHINTAPALLI	12/17/2018
ELI BULGER	12/19/2018
WARREN JACKSON	12/17/2018
SEAN EMERSON DORIS	12/17/2018
JESSICA LOUIS BAKER RIVEST	12/19/2018
ERIC COCKER	12/17/2018
ANTONIO WILLIAMS	12/17/2018
CRYSTAL PHAM	12/20/2018

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16227807

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20180381US01-409841-0469 ATTORNEY DOCKET NUMBER:

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REEL: 047833 FRAME: 0636 505247919

PATENT

SIGNATURE:	/Julie L. Reed/	
DATE SIGNED:	12/20/2018	
Total Attachments: 6		
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source=20180381US01-409841-0469_Assignment#page6.tif		

PATENT REEL: 047833 FRAME: 0637

Attorney File No.: 20180381US01-9841-0469

<u>ASSIGNMENT</u>

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled PRINTED SENSOR WITH VIBRANT COLORIMETRIC PARTICLES

(the "Application") for inventions disclosed or claimed which Application:	therein (the "Invention(s)"),
 is being executed concurrently herewith, was first executed on was filed on as Application Number claims the benefit of U.S. Provisional Appl 	ication(s) No(s). filed .
Palo Alto Research Center Incorporated, a Delawa assigns, and its legal representatives ("PARC"), invention(s), and the full cooperation of the Inventor(s)	s entitled to all rights in the Application and the
For valuable consideration, the receipt of which is hassign(s), and transfer(s) to PARC the entire and exthe Invention(s), in and for the United States, its applications, patents, design registrations and publication priority rights under all present or future convention which priority is claimed in the Application; and	clusive right, title and interest in the Application and territories, and all foreign countries, including all ations obtained or derived therefrom, world wide, and
 (2) agree that PARC may apply for and receive all for (3) agree to execute all papers and take all action requested by PARC; and 	ue all U.S. Letters Patent granted thereon to PARC; preign Letters Patent thereon; ons necessary or desirable in connection therewith dication Number on this Assignment, if not already
GABRIEL TIME	2417 WIS
MAHATI CHINTAPALLI	12/17/17/018 DATE
ELI BULGER	DATE
WARREN JACKSON // // // // // WARREN JACKSON	DATE /////
SEAN EMERSON DORIS	DATE

20180381US01-9841-0469

Attorney File No.: 20180381US01-9841-0469

ASSIGNMENT

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled PRINTED SENSOR WITH VIBRANT COLORIMETRIC PARTICLES

(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 Appl 	ication(s) No(s). filed .	
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		
 (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC; (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 entered above. 		
GABRIEL IFTIME	DATE	
MAHATI CHINTAPALLI	DATE	
ELI BULGER BULGER	December 19th 2018	
WARREN JACKSON	DATE	
SEAN EMERSON DORIS	DATE	

20180381US01-9841-0469

JESSICA LOUIS BAKER RIVEST	12/19/18	
JESSICA LOUIS BAKER RIVEST	DATE	
ERIC GOCKER	DATE	· · · · · · · · · · · · · · · · · · ·
ANTONIO WILLIAMS	DATE	
CRYSTAL PHAM	DATE	

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JESSICA LOUIS BAKER RIVEST	DATE
Ei Ch	12/17/18
ERIC COCKER	DATE
ANTONIO WILLIAMS	DATE
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CRYSTAL PHAM	DATE

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JESSICA LOUIS BAKER RIVEST	DATE
ERIC COCKER	DATE
An DZ	December 17, 2018
ANTONIO WILLIAMS	DATE
CRYSTAL PHAM	DATE

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JESSICA LOUIS BAKER RIVEST	DATE
ERIC COCKER	DATE
ANTONIO WILLIAMS	DATE
CRYSTAL PHAM	$\frac{12/20/15'}{\text{DATE}}$

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