# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
AJAY RAGHAVAN	04/21/2014
PETER KIESEL	04/21/2014
ALEXANDER LOCHBAUM	04/21/2014
BHASKAR SAHA	04/21/2014
LARS SOMMER	04/21/2014
TOBIAS STAUDT	04/20/2014

### **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14257673

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	20131760US01/PARC.151A1
NAME OF SUBMITTER:	CLARA DAVIS
SIGNATURE:	/Clara Davis/
DATE SIGNED:	04/21/2014

**Total Attachments: 2** 

PATENT REEL: 032721 FRAME: 0657

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PATENT REEL: 032721 FRAME: 0658

Attorney File No.: 20131760US01/PARC.151A1

#### **ASSIGNMENT**

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled <u>BATTERY MANAGEMENT BASED ON INTERNAL OPTICAL SENSING</u> (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

	concurrently herewith,		
was first executed	on		
	as Application Number .		
daims the benefit	of U.S. Provisional Application(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.

<i>-5</i> 77	4/21/2014
Ajay Raghaván —	DATE
P. Wist	4/21/2014
Peter Klesel	DATE
	4/21/2014
Alexander Lochbaum	CATE
	4/21/2014
Bhaskar Saha	OATE
	4/21/2014
Lars Sommer	DATE
Tobias Staudt	DATE

PATENT REEL: 032721 FRAME: 0659 Attorney File No.: 20131760US01/PARC.151A1

## **ASSIGNMENT**

The undersigned is/are the named inventor(s) entitled <b>BATTERY MANAGEMENT BASED O</b> inventions disclosed or claimed therein (the "In which Application:	(the "Inventor(s)") on a United States patent application NINTERNAL OPTICAL SENSING (the "Application") for vention(s)"),
is being executed concurrently here was first executed on was filed on as Application Nu claims the benefit of U.S. Provisions	ımber
Palo Alto Research Center Incorporated, a Deassigns, and its legal representatives ("PAF Invention(s), and the full cooperation of the Invention	elaware Corporation, on behalf of itself, its successors and RC"), is entitled to all rights in the Application and the entor(s).
the Invention(s), in and for the United State applications, patents, design registrations and	ch is hereby acknowledged, the Inventor(s) hereby sell(s) and exclusive right, title and interest in the Application and es, its territories, and all foreign countries, including all publications obtained or derived therefrom, world wide, and any provisional applications for
(3) agree to execute all papers and take all requested by PARC; and	to issue all U.S. Letters Patent granted thereon to PARC; e all foreign Letters Patent thereon; Il actions necessary or desirable in connection therewith ne Application Number on this Assignment, if not already
Ajay Raghavan	DATE
Peter Kiesel	DATE
Alexander Lochbaum	DATE
Bhaskar Saha	DATE
Lars Sommer	DATE
Tobias Staudi	04 / 20 / 14

PATENT REEL: 032721 FRAME: 0660

RECORDED: 04/21/2014