PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENNIS CASTLEMAN	01/23/2017
RUXIN CHEN	01/24/2017
FRANK ZHAO	01/31/2017
GLENN BLACK	01/24/2017

RECEIVING PARTY DATA

Name:	SONY INTERACTIVE ENTERTAINMENT INC.		
Street Address:	1-7-1 KONAN		
Internal Address:	MINATO-KU		
City:	TOKYO		
State/Country:	JAPAN		
Postal Code:	108-0075		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15394473

CORRESPONDENCE DATA

Fax Number: (415)248-2101

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: sfpatent@polsinelli.com, ipdocket@polsinelli.com

Correspondent Name: POLSINELLI LLP

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Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	SCEI-16219
NAME OF SUBMITTER:	CHERI HOULE
SIGNATURE:	/Cheri Houle/
DATE SIGNED:	02/13/2017

Total Attachments: 4

PATENT REEL: 041238 FRAME: 0684 source=SCEI-16219 Assignment#page1.tif
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PATENT REEL: 041238 FRAME: 0685

THIS ASSIGNMENT, by Dennis Castleman, Ruxin Chen, Frank Zhao and Glenn Black (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 15/394,473 entitled UAV Battery Form Factor and Insertion/Ejection Methodologies and filed December 29, 2016;

WHEREAS Sony Interactive Entertainment Inc., a body having corporate powers under the laws of Japan and having a principal place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan 108-0075 (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

- 1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
- 2. Said Assignors hereby warrant and represent that, at the time of execution and delivery of these presents, said Assignors were the lawful owners of the entire right, title, and interest in and to said inventions and said applications for Letters Patent, and that the same had not entered into any assignment, contract or understanding in conflict herewith.
- 3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title, and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) that are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said applications, any applications which are a division, continuation, or continuation-in-part of said applications, any reissue application for any Letters Patent granted on said applications, or for any interference proceeding involving said applications or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said applications, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings, and court actions.
- 4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns, and/or other legal representatives, and shall be binding upon said Assignor, his heirs, legal representatives, and assigns.
- 5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the Assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

/Dennis Castleman/	1/23/2017		
Dennis Castleman	Date	Ruxin Chen	Date
Frank Zhao	Date Date	Glenn Black	

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WHEREAS Sony Interactive Entertainment Inc., a body having corporate powers under the laws of Japan and having a principal place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan 108-0075 (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

- 1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
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		/Ruxin Chen/	1/24/2017
Dennis Castleman	Date	Ruxin Chen	Date
Frank Zhao	Date	Glenn Black	Date

THIS ASSIGNMENT, by Dennis Castleman, Ruxin Chen, Frank Zhao and Glenn Black (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements, which are described in United States patent application 15/394,473 entitled UAV Battery Form Factor and Insertion/Ejection Methodologies and filed December 29, 2016;

WHEREAS **Sony Interactive Entertainment Inc.**, a body having corporate powers under the laws of **Japan** and having a principal place of business at **1-7-1 Konan**, **Minato-ku**, **Tokyo**, **Japan 108-0075** (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

- 1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
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Dennis Castleman	Date	Ruxin Chen	Date
/Frank Zhao/	1/31/2	2017	
Frank Zhao	Date	Glenn Black	

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WHEREAS Sony Interactive Entertainment Inc., a body having corporate powers under the laws of Japan and having a principal place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan 108-0075 (hereinafter referred to as the Assignee), is desirous of obtaining the entire right, title and interest in and to said inventions and said applications for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefore and thereon, and to any and all improvements which are disclosed in said applications for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

- 1. The Assignors have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto said Assignee the entire right, title, and interest in, to, and under said inventions; said applications for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said applications; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title, and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
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Dennis Castleman	Date	Ruxin Chen	Date
		/Glenn Black/	1/24/2017
Frank Zhao	Date	Glenn Black	

PATENT REEL: 041238 FRAME: 0689