

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDRE HADJADJ	05/21/2019
RAYMOND KERR	05/07/2019
STEVE REED	05/07/2019
TYLER ROBERTSON	05/07/2019
OWEN SHEPHERD	05/21/2019
FLAVIUS ALECU	05/07/2019
RICK STIRLING	05/27/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TAKE-TWO INTERACTIVE SOFTWARE, INC.
<b>Street Address:</b>	622 BROADWAY
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10012
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16373514
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	26169.4024
<b>NAME OF SUBMITTER:</b>	JOSEPH CHERN
<b>SIGNATURE:</b>	/Joseph Chern/
<b>DATE SIGNED:</b>	05/30/2019

**Total Attachments: 4**

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ASSIGNMENT OF PATENT

**WHEREAS**, we, **ALEXANDRE HADJADJ**, Citizen of France, with a mailing address of 622 Broadway, New York, NY 10012; **RAYMOND KERR**, Citizen of United Kingdom, with a mailing address of 622 Broadway, New York, NY 10012; **STEVE REED**, Citizen of The United States of America, with a mailing address of 622 Broadway, New York, NY 10012; **TYLER ROBERTSON**, Citizen of The United States of America, with a mailing address of 622 Broadway, New York, NY 10012; **OWEN SHEPHERD**, Citizen of United Kingdom, with a mailing address of 622 Broadway, New York, NY 10012; **FLAVIUS ALECU**, Citizen of Sweden, with a mailing address of 622 Broadway, New York, NY 10012; and **RICK STIRLING**, Citizen of United Kingdom, with a mailing address of 622 Broadway, New York, NY 10012 (hereinafter referred to as "**ASSIGNORS**"), have invented and own a certain invention entitled "**METHOD AND APPARATUS FOR ENHANCED GRAPHICS RENDERING IN A VIDEO GAME ENVIRONMENT**," for which application for Letters Patent of the United States of America was filed on April 2, 2019 Serial No. 16/373,514, and which claims priority to United States Provisional Application 62/651,623, filed April 2, 2018; and

**WHEREAS**, **TAKE-TWO INTERACTIVE SOFTWARE, INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 622 Broadway, New York, NY 10012 (hereinafter referred to as "**ASSIGNEE**"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent and similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign, transfer and set over unto **ASSIGNEE**, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the Paris Convention for the Protection of Industrial Property; and **ASSIGNORS** hereby authorize and request the United States Commissioner

of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to issue said patents and equivalents to said ASSIGNEE, its successors and assigns, in accordance with this ASSIGNMENT and hereby transfers all rights of action, power and benefit belonging to or accruing from the invention including the right to undertake proceedings to recover past and future damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this ASSIGNMENT.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this ASSIGNMENT.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and that ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.


WITNESS my hand at EDINBURGH, UNITED KINGDOM  
(City & State OR Province & Country)

this 21<sup>ST</sup> day of MAY, 20 19

  
ALEXANDRE HADJADJ

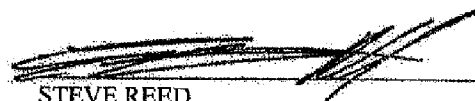
WITNESS my hand at Oceanside, CA  
(City & State OR Province & Country)

this 7<sup>th</sup> day of May, 20 19

  
RAYMOND KERR

WITNESS my hand at San Diego, CA  
(City & State OR Province & Country)

this 7 day of May, 2019.

  
STEVE REED


WITNESS my hand at Carlsbad, CA  
(City & State OR Province & Country)

this 7 day of May, 2019.

  
TYLER ROBERTSON

WITNESS my hand at Edinburgh, UK  
(City & State OR Province & Country)

this 21 day of May, 2019.

  
OWEN SHEPHERD

WITNESS my hand at Carlsbad, CA  
(City & State OR Province & Country)

this 7 day of May, 2019.

  
FLAVIUS ALECU

Patent  
Orrick Ref. 26169.4024

WITNESS my hand at EDINBURGH, UK  
(City & State OR Province & Country)

this 27 day of MAY, 20 19.

  
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RICK STIRLING