505419380 04/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5466171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP DEGARMO	04/05/2019
ROBERT SCHMITZ	04/05/2019

RECEIVING PARTY DATA

Name:	TAKE-TWO INTERACTIVE SOFTWARE, INC.
Street Address:	622 BROADWAY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10012

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15807371

CORRESPONDENCE DATA

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SIGNATURE:	/Joseph Chern/
DATE SIGNED:	04/09/2019

Total Attachments: 2

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PATENT 505419380 REEL: 048837 FRAME: 0448

ASSIGNMENT OF PATENT

WHEREAS, we, Philip Degarmo, Citizen of The United States of America, with a mailing address of P.O. Box 130970, Carlsbad, California 92013, and Robert Schmitz, Citizen of The United States of America, with an address of 4774 Gateshead Road, Carlsbad, California 92010 (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled "System and Method for Session Management In A Multiplayer Network Gaming Environment," for which application for Letters Patent of the United States of America was filed on November 8, 2017 Serial No. 15/807,371; 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, New York 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
(City & State OR Province & Country)
this $\frac{54}{9}$ day of $\frac{400}{100}$, $\frac{20}{9}$.
PW Next
Philip Degarmo
WITNESS my hand at <u>Carlsbad</u> , <u>California</u> ,
(City & State OR Province & Country)
this 5^{th} day of April , 20 19.
Robot Schutz

Robert Schmitz