505522182 06/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5568987

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WAYNE CHIANG	03/21/2017
CHARLES CHANG	03/21/2017

RECEIVING PARTY DATA

Name:	WAYNE CHIANG	
Street Address:	600 N. ATLANTIC BLVD #402	
City:	MONTEREY PARK	
State/Country:	CALIFORNIA	
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Name:	CHARLES CHANG	
Name: Street Address:	CHARLES CHANG 1750 LAS PALMITAS ST	
Street Address:	1750 LAS PALMITAS ST	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15481348

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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.

Phone: (949) 760-0404
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Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	CHIAN.002A
NAME OF SUBMITTER:	PHILIP M. NELSON
SIGNATURE:	/ Philip M. Nelson /

PATENT 505522182 REEL: 049450 FRAME: 0497

DATE SIGNED:	06/12/2019	
Total Attachments: 7		
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Application Data Sheet filed previously or concurrently

Docket No.: CHIAN.002A Page 1 of 7

Title: DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA

Inventor(s): Wayne Chiang, Charles Chang

Appl. No.: 15/481,348 **Filing Date:** 6 April 2017

Declaration

This Declaration is directed to the application identified above that:

Is attached, where "attached" means filed concurrently with.

As a named inventor, I declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of subject matter which is described in the above-identified application, including a claimed invention.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

Assignment from Inventor

THIS ASSIGNMENT AGREEMENT ("Agreement") is effective of the 14th day of March, 2017, and is by Wayne Chiang, a US citizen, residing in 600 N. Atlantic Blvd #402, Monterey Park, CA 91754 and having a mailing address at 600 N. Atlantic Blvd #402, Monterey Park, CA 91754; and Charles Chang, a US citizen, residing in 1750 Las Palmitas St., South Pasadena, CA 91030 and having a mailing address at 2111 Cedar St. Unit B, Alhambra, CA 91801 (each hereinafter referred to individually and collectively as "ASSIGNOR").

ASSIGNOR has conceived of one or more inventions, and/or has invented new and useful improvements, technology, inventions, developments, ideas or discoveries (collectively referred to as the "Work") disclosed in a patent application ("Application") filed or to be filed in the United States Patent and Trademark Office: entitled " DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA," (Badugi 15/481,348 Chase) US Application No. If this information is not currently inserted herein, ASSIGNOR 6 April 2017 hereby authorizes and requests the attorneys of Knobbe, Martens, Olson & Bear, LLP (hereinafter "Knobbe"), Customer No. 20995, to insert into this Agreement the filing date and application number of the Application when known, and which corresponds to the attorney docket number set forth above.

WAYNE CHIANG, AND CHARLES CHANG, (hereinafter referred to individually and collectively as "ASSIGNEE"), each desires to acquire an equal and undivided right and title, and interest in and to the Application and the Work.

Application Data Sheet filed previously or concurrently

Docket No.: CHIAN.002A Page 2 of 7

Title: DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA

Inventor(s): Wayne Chiang, Charles Chang

Appl. No.: 15/481,348
Filing Date: 6 April 2017

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and ASSIGNOR does hereby assign, transfer and set over, unto ASSIGNEE, their successors, legal representatives and assigns, to the extent not already done so, all right, title, and interest throughout the world in the Application and the Work, including all "Patent Properties" filed, to be filed or issued upon the Application and/or the Work; where "Patent Properties" include, but are not limited to:

- A. The Work, including without limitation any improvements thereto, whether conceived and/or reduced to practice by ASSIGNOR alone or jointly with anyone else;
- The Application, including without limitation any of ASSIGNOR'S inventions that may be В. disclosed therein, and any other applications in which the Work is disclosed; all provisional applications related thereto (including but not limited to U.S. Provisional Application No(s). filed (respectively if plural applications)); all nonprovisional and design applications relating to the Application or the Work and/or claiming the benefit of the Application and/or the aforementioned provisional application(s) that have been or may hereafter be filed in the United States or in any foreign country; and all continuations, divisionals, and continuations in part of the Application (all of the foregoing collectively, "Related Applications"); and all U.S. and foreign patents which may be granted on the Application and the Related Applications, and all reissues, re-examinations, and extensions of such patents;
- C. All rights of priority under International Conventions and any related letters Patent which may hereafter be granted or filed in any country or countries foreign to the US, and all extensions, renewals and reissues thereof;
- D. Any other related intellectual property rights such as, but not limited to, copyrights, copyrightable subject matter, know how, trade secrets, designs and design rights, copyright registrations, reproduction rights, and ASSIGNOR waives any and all moral rights under 17 U.S.C. § 106A or otherwise; and
- E. Those items of ASSIGNOR'S tangible property embodying or describing the Work, including without limitation all documents, drawings, prototypes, models, test results, designs, materials, computer programs and data, and the like, which, if not presently in the possession of ASSIGNEE, will be delivered to ASSIGNEE immediately upon request.

ASSIGNOR hereby represents and warrants that: (i) ASSIGNOR is the true and sole inventor, or if coinventor, has identified to ASSIGNEE the other co-inventors, (ii) ASSIGNOR has the full and
unencumbered right, power, and authority to enter into this Agreement and to transfer and assign in
accordance with the terms in this Agreement, and (iii) there are no agreements or obligations of
ASSIGNOR, or to ASSIGNOR'S knowledge of anyone else, which are or may be in conflict with this
Agreement. ASSIGNOR agrees to indemnify ASSIGNEE and hold it harmless, its successors and
assigns, including attorney's fees and expert witness fees, in connection with any breach of this
representation and warranty.

Application Data Sheet filed previously or concurrently

Docket No.: CHIAN.002A Page 3 of 7

Title: DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA

Inventor(s): Wayne Chiang, Charles Chang

Appl. No.: 15/481,348
Filing Date: 6 April 2017

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all patents, registrations, and certificates relating to all aforementioned Patent Properties and the Work, acknowledges that ASSIGNEE was authorized to make the Application, and hereby authorizes ASSIGNEE to make further applications and Related Applications relating to the Patent P properties and the Work. ASSIGNOR further authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents, registrations, and certificates on applications as aforesaid, to issue all related Letters Patent, registrations, and certificates to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all causes of action, rights of enforcement, claims for damages, and all remedies relating to the Work and/or the Patent Properties arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages and all proceeds for past infringements of said Letters Patent, registrations, or certificates before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR, without further consideration or compensation, will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Properties relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application, Related Applications, and the Work, including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries. ASSIGNEE agrees to reimburse ASSIGNOR'S reasonable expenses in carrying out his/her obligations under this Agreement, but only upon ASSIGNEE'S prior written approval of such expenses which in no event shall include ASSIGNOR'S time or legal expense.

AND ASSIGNOR FURTHER AGREES AS FOLLOWS:

- A. This Agreement is binding on ASSIGNOR, its officers, agents, employees, heirs, successors, assigns, affiliates, and those entities acting under its direction and control, and shall inure to the benefit of ASSIGNEE, its successors and assigns. This Agreement, and the rights and obligations arising hereunder, are not assignable or transferable by ASSIGNOR, by operation of law or otherwise, and any attempt to do so shall be null and void. This Agreement is fully assignable by ASSIGNEE. The obligations set forth in this Agreement shall survive the term of any employment agreement or any other affiliation between the ASSIGNEE and ASSIGNOR.
- B. If ASSIGNOR cannot be located or is unable or unwilling to sign documents as required hereunder, ASSIGNOR agrees to and does hereby appoint ASSIGNEE as ASSIGNOR'S attorney-in-fact for the limited purpose of executing all documents and performing all other acts necessary to give effect and legality to the provisions of this Agreement. ASSIGNOR acknowledges that this appointment is coupled with an interest and is irrevocable. If this Agreement is executed electronically by one or more

Application Data Sheet filed previously or concurrently

Docket No.: CHIAN.002A Page 4 of 7

Title: DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA

Inventor(s): Wayne Chiang, Charles Chang

Appl. No.: 15/481,348
Filing Date: 6 April 2017

parties by applying an electronic or digital signature, the parties agree that it is valid and enforceable regardless of any applicable state or federal laws pertaining to such forms of execution.

- C. This Agreement shall be governed and construed in accordance with the laws of the state of California, U.S.A. without regard to conflicts of law provisions. The exclusive jurisdiction for any legal proceeding regarding this Agreement shall be in the in the state or federal courts of California, in the county of Orange, and the parties expressly agree that jurisdiction and venue are proper in said courts. In the event that any legal action becomes necessary to enforce or interpret the terms of this Agreement, the prevailing party shall be entitled, in addition to its court costs, to such reasonable attorneys' fees, expert witness fees and legal expenses as shall be fixed by a court of competent jurisdiction.
- D. ASSIGNOR acknowledges that, to the best of his or her knowledge, the Work is patentable and the Patent Properties are valid, and further agrees not to take any action, or to assist or request any third party, in, challenging or opposing, on any grounds whatsoever, ASSIGNEE'S rights granted under this Agreement, or the validity or enforceability of such rights. ASSIGNOR further acknowledges that ASSIGNEE'S patent counsel presenting this Agreement does not represent ASSIGNOR personally, and ASSIGNOR has the right to seek independent counsel of his or her choosing. No course of conduct or dealing between the parties shall act as an amendment, modification or waiver of any provision of this Agreement, and only an amendment, modification or waiver which is contained in a written agreement signed by both ASSIGNEE and ASSIGNOR shall be effective.

	COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently	
Docket No.:	CHIAN.002A	Page 5 of 1
Title:	DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA	
Inventor(s):	Wayne Chiang, Charles Chang	
Appl. No.:	15/481,348	
Filing Date:	6 April 2017	
	Signature before a Notary is desirable but not required.	[,] -21
VER DOC TRU	OTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE RIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE CUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE ITHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.	
COUNTY OF_	∤ ss.	
whose name is same in his/h	, before me,, notary public, pers, who proved to me on the basis of satisfactory evidence to be the p is subscribed to the within instrument, and acknowledged to me that he/she execute er authorized capacity, and that by his/her signature on the instrument the person, whalf of which the person acted, executed the instrument.	ed the
	PENALTY OF PERJURY under the laws of the State of California that the foregoing rue and correct.	
WITNESS my	hand and official seal.	

Notary Signature

[SEAL]

		& ASSIGNMENT (37 CFR 1.63(e)) Filed previously or concurrently
Docket No.:	CHIAN.002A	Page 6 of
Title:	DATABASE GAME PLAYING SYSTEM B	ASED ON PREGENERATED DATA
Inventor(s):	Wayne Chiang, Charles Chang	
Appl. No.:		
Filing Date:		
Legal Name o IN TESTIMON ²⁰ 17	•	nd and seal this 21 day of March Date: 2017-03-21 Fore a Notary is desirable but not required.
VER DOC	DTARY PUBLIC OR OTHER OFFICER DIFIES ONLY THE IDENTITY OF THE I DUMENT TO WHICH THIS CERTIFICA ITHFULNESS, ACCURACY, OR VALIE SCIPORIVIA SS.	NDIVIDUAL WHO SIGNED THE ATE IS ATTACHED, AND NOT THE
COUNTY OF_		
person whose executed the	e name is subscribed to the within	, notary public, personally o me on the basis of satisfactory evidence to be the instrument, and acknowledged to me that he/she and that by his/her signature on the instrument the acted, executed the instrument.
	PENALTY OF PERJURY under the laware and correct.	ws of the State of California that the foregoing
WITNESS my [SEAL]	hand and official seal.	Notary Signature

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e)) Application Data Sheet filed previously or concurrently Docket No.: CHIAN.002A Page 7 of 7 DATABASE GAME PLAYING SYSTEM BASED ON PREGENERATED DATA Title: Inventor(s): Wayne Chiang, Charles Chang Appl. No.: 15/481,348 Filing Date: 6 April 2017 ASSIGNEE: Wayne Chiang, and Charles Chang Confirmed and accepted on the date indicated below. Signature: Date: 2017-03-21 Printed Name: Wayne Chiang Title: Signature: ____

Printed Name: Charles Chang

PATENT REEL: 049450 FRAME: 0505

Date: 2017-03-21

Title:

RECORDED: 06/12/2019