505392111 03/25/2019

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT5438905

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW MARK AYERS	03/23/2019
GILES BRYAN	03/14/2019
MARK KINGSLEY SMITH	03/14/2019

RECEIVING PARTY DATA

Name:	CONTACTENGINE LIMITED
Street Address:	JANELLE HOUSE, HARTHAM LANE, HARTHAM
City:	HERTFORD
State/Country:	UNITED KINGDOM
Postal Code:	SG14 1QN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16355410

CORRESPONDENCE DATA

Fax Number: (703)865-5150

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: 703-652-3821

Email: madive@mannavakang.com MANNAVA & KANG, PC **Correspondent Name:** Address Line 1: 3201 JERMANTOWN ROAD

Address Line 2: **SUITE 525**

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER: 1104.002US1 **NAME OF SUBMITTER:** GEORGE Y. WANG SIGNATURE: /George Y. Wang/ **DATE SIGNED:** 03/25/2019

Total Attachments: 2

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> **PATENT REEL: 048689 FRAME: 0663** 505392111

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Andrew Mark AYERS, Northampton, United Kingdom; Giles BRYAN, McLean, VA, USA; Mark Kingsley SMITH, Bedford, United Kingdom, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto ContactEngine Limited, a corporation of England and Wales, having its principal office in Janelle House, Hartham Lane, Hartham, Hertford, SG14 1QN, United Kingdom, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in DIGITAL CONTENT SECURITY AND COMMUNICATIONS SYSTEM USING ARTIFICIAL INTELLIGENCE (AI) BASED MACHINE LEARNING AND PREDICTIVE ANALYSIS (Docket No. 1104.002US1), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto **ContactEngine Limited**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize **ContactEngine Limited** to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to **ContactEngine Limited**, for the sole use and benefit of **ContactEngine Limited**, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this

PATENT REEL: 048689 FRAME: 0664 assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **ContactEngine Limited**.

We agree that, when requested, we will, without charge to **ContactEngine Limited**, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in **ContactEngine Limited**, its successors, assigns and legal representatives or nominees.

We covenant with **ContactEngine Limited**, its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Andrew Mark AYERS	DATE:	3/23/2019
Giles BRYAN	DATE:	3/14/2019
DocuSigned by: EBCEE67D0A4D4B6 Mark Kingsley SMITH	DATE:	3/14/2019

PATENT REEL: 048689 FRAME: 0665

RECORDED: 03/25/2019