504457779 07/14/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4504480

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER ALLEN	11/17/2016

RECEIVING PARTY DATA

Name:	VANTIV, LLC	
Street Address:	8500 GOVERNORS HILL DRIVE	
City:	SYMMES TOWNSHIP	
State/Country:	OHIO	
Postal Code:	45249	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15367944

CORRESPONDENCE DATA

Fax Number: (202)450-5538

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: 2028083550

Email: dlawson@bookoffmcandrews.com Correspondent Name: **BOOKOFF MCANDREWS, PLLC** Address Line 1: 2401 PENNSYLVANIA AVENUE

Address Line 2: SUITE 450

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	00134-0046-00000
NAME OF SUBMITTER:	THARA RUSSELL
SIGNATURE:	/Thara Russell/
DATE SIGNED:	07/14/2017

Total Attachments: 1

source=2017-07-12 Executed Assignment Iventor Chris Allen 00202122#page1.tif

PATENT REEL: 043009 FRAME: 0217 504457779

ASSIGNMENT

Attorney Docket No.: 00134-0046-00000

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Client Ref. No.: VNTV-046-00-US

Title: MATCHING ENGINES AND GRAPHICAL USER INTERFACES FOR PARTNER RECOMMENDATIONS AND LEAD SHARING

ASSIGNMENT

WHEREAS, VANTIV, LLC, having an address of 8500 Governors Hill Drive, Symmes Township, Ohio 45249, US (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire rights, titles, and interests in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I hereby authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby also authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment.

Christopher ALLEN

Date 11/17/16___

PATENT REEL: 043009 FRAME: 0218

RECORDED: 07/14/2017