PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS NOYES	03/17/2014

RECEIVING PARTY DATA

Name:	COMMERCE SIGNALS, INC.	
Street Address:	18309 COPELAND WAY	
City:	DAVIDSON	
State/Country:	NORTH CAROLINA	
Postal Code:	28306	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15788956
Application Number:	15821014

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	4225-023, 4225-024	
NAME OF SUBMITTER:	JINAN GLASGOW GEORGE	
SIGNATURE:	/JINAN GLASGOW GEORGE/	
DATE SIGNED:	03/27/2018	

Total Attachments: 2

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PATENT 504838248 REEL: 045359 FRAME: 0505

ASSIGNMENT OF RIGHTS: PATENT APPLICATIONS

Thomas Noyes ("ASSIGNOR"), whose mailing address is 18309 Copeland Way, Davidson, NC 28306 is owner of:

"METHODS AND SYSTEMS FOR DISTRIBUTED SIGNALS IN ADVERTISING," as described in the U.S. Patent Application No. 61/791297, filed on March 15, 2013;

"Methods and systems for a virtual marketplace or exchange for distributed signals," as described in the U.S. Patent Application No. 14/214223, filed on March 14, 2014;

"Methods and systems for signal construction for distribution and monetization by signal sellers," as described in the U.S. Patent Application No. 14/214232, filed on March 14, 2014;

"Methods and systems for signals management," as described in the U.S. Patent Application No. 14/214253, filed on March 14, 2014;

"Method and systems for distributed signals for use with advertising," as described in the U.S. Patent Application No. 14/214269, filed on March 14, 2014;

"Methods and systems for a virtual marketplace or exchange for distributed signals including data correlation engines," as described in the U.S. Patent Application No. 14/214743, filed on March 15, 2014

(the "PATENT APPLICATIONS"). Commerce Signals, Inc. ("ASSIGNEE"), whose mailing address is 18309 Copeland Way, Davidson, NC 28306, desires to acquire all rights and interests in and to the PATENT APPLICATIONS and the patents (and any reissues or extensions) that may be granted.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sales and transfers, unto Assignee, the full and exclusive right, title, and interest in and to (a) the above-identified PATENT APPLICATIONS, (b) all Letters Patents which may issue from said application in the United States and countries foreign thereto, (c) all divisions, continuations in whole or part, reissues, substitute applications, foreign applications and all foreign patents that may issue therefrom, and extensions of said PATENT APPLICATIONS and Letters Patents, and (d) the right to claim for any of said PATENT APPLICATIONS the full benefits and priority right under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES: (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting the PATENT APPLICATIONS, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuing, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits,

PATENT REEL: 045359 FRAME: 0506 declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for the PATENT APPLICATIONS, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Triangle Patents PLLC do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Date: <u>/1/142/14</u>	Thomas Noyes	Man Man	
	ASSIGNOR	Signature	

On this 17th day of 11WO , before me, Eliza	WHN F. MULAN , the undersigned Notary
Public, personally appeared MOMAS NOULS	
me on the basis of satisfactory evidence) to be the person v	hose name is subscribed to the within instrument,
and acknowledged to me that he executed the same. WITN	
County of MULLINDUM on the date set forth in this cer	tificate.
Alphabet MARAMA Notar Public Notar Public	

PATENT REEL: 045359 FRAME: 0507

RECORDED: 03/27/2018