# 505280578 01/16/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNME	ENT				
NATURE OF CONVEY	ANCE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	ΟΑΤΑ						
		Name	Name Execution				
DEVON KINKEAD							
VENKAT RANGAMAN							
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State/Country:	MASSA	MASSACHUSETTS					
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SIGNATURE:			/Thomas O. Hoover/				
SIGNATURE.			01/16/2019				
DATE SIGNED:		101/10/2013					
DATE SIGNED:		01/10/2019					
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#### ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Micronotes, Inc. 50 Milk Street, 16<sup>th</sup> Floor Boston, Massachusetts 02109

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

#### INTERACTIVE MARKETING SYSTEM

as set forth in the following Patent Applications:

#### United States Application No. 13/404,166 filed February 24, 2012

which claim the benefit of the following Applications:

### United States Provisional Application No. 61/448,896, filed March 3, 2011 United States Application No. 12/390,972, filed February 23, 2009 United States Provisional Application No. 61/066,573, filed February 21, 2008

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified applications and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights 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 ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ME1 28471753v.1

Page 1 of 4

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 said invention or inventions, 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, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and 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 said invention or inventions, 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 HEREBY GRANTS to the law firm of McCarter & English, LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of McCarter & English, LLP 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.

Page 2 of 4

Executed this 14 day of JANCAPY, 2019

DEVON KINKEAD

United States of America <u>Massachusetts</u> Sullatk State of County of

On this 14 day of <u>January</u>, 2019, before me, the undersigned notary public, personally appeared <u>Devon Kinkead</u> (name of document signer), proved to me through satisfactory evidence of identification, which was <u>MA David Lie se</u>, to be the person whose name is signed on the preceding or attached document in my presence.

(official signature and seal of notary)

My commission expires 12/14/23



Page 3 of 4

Atty, D	kt. No.	12234	0-00104	

Executed this	day of		018.		
			VE	NKAT RA	NGAMANI
United States of A	merica	)			
State of					
County of		)			
On this	day of				, before me,
the undersigned no	stary public, persona	illy appeared		Venkat Ra	
	it signer), proved to	me through satis			
which was				- · · · · · · · · · · · · · · · · · · ·	person whose name
is signed on the pr	eceding or attached	document in my	presence.	:	
		(offi	icial signa	ture and sea	al of notary)
My commission ex	cpires				

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Page 4 of 4

#### ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

#### Micronotes, Inc. One Broadway, 14<sup>th</sup> Floor Cambridge, Massachusetts 02142-1100

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

#### INTERACTIVE MARKETING SYSTEM

as set forth in this United States Patent Application

check one

[ ] executed concurrently herewith,

] executed on

#### [x] Serial No. 13/404,166, Filed on February 24, 2012

and U.S. Provisional Application 61/448,896 filed March 3, 2011, U.S. Application 12/390,972 filed February 23, 2009 and U.S. Provisional Application 61/066,573 filed February 21, 2008, as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights 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.

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Page 1 of 4

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, continuation, and relasue applications, renewals, assignments, powers of attorney, oaths, affidavits, and 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 said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

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Page 2 of 4

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

#### DEVON KINKEAD

State of \_\_\_\_\_} County of \_\_\_\_\_)

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2018, before me, (a notary public in and for said county), personally appeared DEVON KINKEAD, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature

My Commission Expires: \_\_\_\_\_\_ (Seal)

 $\frac{1}{10}$  Executed this 10 day of May , 2018. ngn-y VENKAT RANOA MANI

State of Mass achuselts, County of Middlesey

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## PATENT REEL: 048025 FRAME: 0125

## RECORDED: 01/16/2019