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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name		Execution Date		
SASHIKUMAR VENKATARAMAN				07/21/2016		
ABHIJIT SATCHIDANAND SAVARKAR				07/20/2016		
LINDA BEACH			07/27/2016			
	DATA					
Name:	ROVI GUIDES, INC.					
Street Address:	TWO CI	RCLE STAR WAY				
City:	SAN CA	RLOS				
State/Country:	CALIFO	RNIA				
Postal Code:	94070					
Property Type		Number				
Application Number	: 1	5221780				
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ATTORNEY DOCKET NUMBER:		003597-1509-101	003597-1509-101			
NAME OF SUBMITTER:		TRACY W. CHU	TRACY W. CHU			
SIGNATURE:		/Tracy W. Chu/	/Tracy W. Chu/			
DATE SIGNED:		07/28/2016	07/28/2016			
Total Attachments: 7		·				
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PATENTS 003597-1509-101

A S S I G N M E N T

Whereas we,

- (1) Sashikumar Venkataraman
- (2) Abhijit Satchidanand Savarkar
- (3) Linda Beach

residing, respectively at:

- (1) 15 Greybirch Road Andover, MA 01810
- (2) 4 Ellsworth Road Andover, MA 01810
- (3) 3602 Midfield Way
 Redwood City, CA 94062

have made an invention in:

SYSTEMS AND METHODS FOR PREVENTING CORRUPTION OF USER VIEWING PROFILES

and are about to make application for United States Letters Patent therefor, the same having been executed by each of us on even date or dates herewith; and

WHEREAS, ROVI GUIDES, INC., a corporation organized and existing under the laws of the State of Delaware and having an office and place of business at Two Circle Star Way, San Carlos, CA 94070, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us hereby - 2 -

sells, assigns and transfers unto the said ROVI GUIDES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said ROVI GUIDES, INC. as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

As the inventor, we each declare as follows:

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 a claimed invention in the application. I hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. - 3 -

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

07/21/2016

VSahikuan

Date

Sashikumar Venkataraman

Date

Abhijit Satchidanand Savarkar

Date

Linda Beach

PATENT REEL: 039279 FRAME: 0922 - 3 -

IN TESTIMONY WHEREOF, we have hereunto signed our names on the date indicated hereinafter.

Date

Sashikumar Venkataraman

07/20/2016

Date

Abhijit Satchidanand Savarkar

.....

Date

Linda Beach

PATENT REEL: 039279 FRAME: 0923

PATENTS 003597-1509-101

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sells, assigns and transfers unto the said ROVI GUIDES, INC., its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations, continuations in part, and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same; and each of us hereby authorizes and requests competent authorities to grant and issue any and all patents on said invention to the said ROVI GUIDES, INC. as the assignee of the entire interest therein; and each of us further agrees to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

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