505637011 08/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5683817

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL SHEPPARD	09/18/2015
JONATHAN SULLIVAN	09/18/2015
PETER LIPA	09/17/2015
ALEJANDRO TERRAZAS	09/22/2015
MATT REID	09/22/2015
PAUL DONATO	09/18/2015

RECEIVING PARTY DATA

Name:	THE NIELSEN COMPANY (US), LLC
Street Address:	85 BROAD STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16459261

CORRESPONDENCE DATA

Fax Number: (312)580-9696

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: 3125801020

Email: ljohnson@hfzlaw.com

HANLEY, FLIGHT & ZIMMERMAN, LLC **Correspondent Name:**

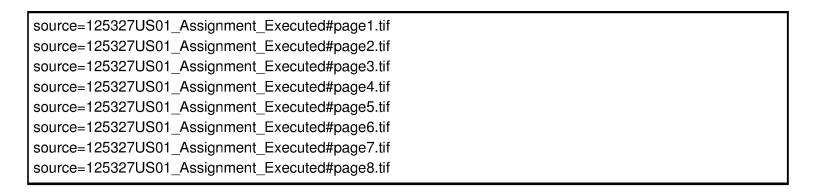
Address Line 1: 150 S. WACKER DRIVE Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	125327US02
NAME OF SUBMITTER:	MICHAEL W. ZIMMERMAN
SIGNATURE:	/ Michael W. Zimmerman/
DATE SIGNED:	08/23/2019

Total Attachments: 8

PATENT REEL: 050147 FRAME: 0127

505637011



PATENT REEL: 050147 FRAME: 0128

ASSIGNMENT

Serial No:14/865,639

Filed: September 25, 2015

Title: METHODS AND APPARATUS TO DETERMINE WEIGHTS FOR

PANELISTS IN LARGE SCALE PROBLEMS

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned assignor(s) hereby assign to The Nielsen Company (US), LLC, a Delaware Limited Liability Company, 85 Broad Street, New York, New York 10004, United States of America, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States (which may be a Patent Cooperation Treaty international application designating the United States) and in said application and any and all other applications, United States, international and/or foreign, which the undersigned assignor(s) or the Assignee may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and/or foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof. This assignment includes all rights associated with said application including, without limitation, all patent right(s) in any and all countries and all right(s) to claim priority to and/or from said application in any and all countries. No rights whatsoever are reserved to the undersigned assignor(s) but instead all rights are hereby transferred to the Assignee and the Assignee accepts all such rights. This assignment is governed by the Law of the State of Illinois, United States of America.

The undersigned assignor(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned assignor(s) hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of any such application(s) when officially known.

The undersigned assignor(s) warrants himself/herself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned assignor(s) hereby agrees, upon the request and at the expense of said assigne, its successors and assigns, to execute any and all international, divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may

Page 1 of 4

deem necessary or expedient, and for said consideration the undersigned assignor(s) further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned assignor(s) with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned assignor(s) hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this essignment and sale had not been made

Assignor(s)		· · · · · · · · · · · · · · · · · · ·
WITNESS my hand this A	day ofZZZZ	
		000000000000000000000000000000000000000
	Michael-Sheppard	
WITNESS my band this	day of	
	<u></u>	
	Jonathan Sullivan	
WITNESS my hand this	day of	
		00000000000000000000000000000000000000
	Peter Lipa	
WITNESS my hand this	day of	
	Alejandro Terrazas	

doesn necessary or expedient, and for said consideration the undersigned assignor(s) further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned assignor(s) with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned assignor(s) hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Assignor(s)	
WITNESS my hand this	day of,,
	Michael Shoppard
WITNESS my band this 18	
	day of Sept 30/5 Jonathan Sullivan
	AND COMMENTS OF THE PARTY OF TH
enter en	Jonathan Sollivan
WITNESS my hand this	day of
	Peter Lipa
WITNESS my band this	day of
	Aleiandro Terrazas

deem necessary or expedient, and for said consideration the undersigned assignor(s) further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned assignor(s) with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned assignor(s) hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Assignor(s)		
WITNESS my hand this	day of	,
	Michael Sheppard	
WITNESS my hand this	day of	,
	Jonathan Sullivan	
WITNESS my hand this	day of _September	<u>, 2015</u>
	Ceta Lym	
	Peter Lipa	
WITNESS my hand this	day of	
	Alejandro Terrazas	

deem necessary or expedient, and for said consideration the undersigned assignor(s) further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned assignor(s) with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned assignor(s) hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Assignor(s)	
WITNESS my hand this	day of,
	Michael Sheppard
WITNESS my hand this	day of
	Jonathan Sullivan
WITNESS my hand this	day of
WITNESS my hand this 22 m	Peter Lipa day of September, 2015.
	Alejandro Terrazas

Page 2 of 4

WITNESS my hand this $_{22}$	_{day of} September	, 2015.
	mos	
	Matt Reid	
WITNESS my hand this	day of	,
	Paul Donato	
	raui Donato	

Attorney Docket No. 20004/125327US01

f	
d	
s September 2015	
Pal Donato	
nato	

* * * * *

Page 3 of 4

Assignee:

WITNESS my hand this 27 day of Crish 2015

Vice President and Intellectual Property Counsel On behalf of The Nielsen Company (US), LLC

* * * * *