503572901 11/17/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3619528

SUBMISSION TYPE:		NEW	ASSIGNMENT		
IATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY DA	TA				
		Name			Execution Dat
YAKOB BADOWER					04/28/2014
BRADLEY R. LAWRENCE					05/23/2014
MARCOS MALE				04/08/2014	
MARKO JOVANOVIC					04/09/2014
JAKOB OLRIK					04/28/2014
RECEIVING PARTY DA	ГА				
Name:		ELSEN CON	MPANY (US), LLC		
Street Address:		MARTINGA			
City:		JMBURG			
State/Country:	ILLINOIS				
Postal Code:	60173				
PROPERTY NUMBERS	Total: 1				
Property Type			Number		
Property Type Application Number:		14859871	Number		
Application Number:		14859871	Number		
Application Number:					
Application Number: CORRESPONDENCE DA Fax Number:		(312)580-96	596	t is ups	 ful it will be cont
Application Number:	e sent to	(312)580-96 • the e-mail	96 address first; if that		
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	e sent to provideo	(312)580-96 • the e-mail	96 address first; if that insuccessful, it will		
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p	e sent to provideo	(312)580-96 5 the e-mail 1; if that is u (312)580-10	96 address first; if that insuccessful, it will		
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone:	e sent to provideo	(312)580-96 5 the e-mail 1; if that is u (312)580-10 psteinhause	96 address first; if that insuccessful, it will 920	be sen	
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	e sent to provideo	(312)580-96 5 <i>the e-mail</i> <i>1; if that is u</i> (312)580-10 psteinhause HANLEY, Fl	96 address first; if tha insuccessful, it will 20 er@hfzlaw.com	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	e sent to provideo	(312)580-96 5 <i>the e-mail</i> <i>1; if that is u</i> (312)580-10 psteinhause HANLEY, FL 150 S. WAC	696 <i>address first; if tha</i> <i>insuccessful, it will</i> 020 er@hfzlaw.com LIGHT & ZIMMERMA	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	e sent to provideo	(312)580-96 5 <i>the e-mail</i> (312)580-10 psteinhause HANLEY, FL 150 S. WAC CHICAGO, I	696 <i>address first; if tha</i> <i>insuccessful, it will</i> 920 er@hfzlaw.com LIGHT & ZIMMERMA CKER DRIVE, SUITE	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	e sent to provideo	(312)580-96 5 <i>the e-mail</i> (312)580-10 psteinhause HANLEY, FI 150 S. WAC CHICAGO, I 20225	696 address first; if that insuccessful, it will 020 pr@hfzlaw.com LIGHT & ZIMMERMA CKER DRIVE, SUITE ILLINOIS 60606	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	e sent to provideo	(312)580-96 5 <i>the e-mail</i> <i>1; if that is u</i> (312)580-10 psteinhause HANLEY, FL 150 S. WAC CHICAGO, I 20225 BRAN	696 address first; if that insuccessful, it will 20 er@hfzlaw.com LIGHT & ZIMMERMA CKER DRIVE, SUITE ILLINOIS 60606 5/065US03	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	e sent to provideo	(312)580-96 5 <i>the e-mail</i> <i>1; if that is u</i> (312)580-10 psteinhause HANLEY, FL 150 S. WAC CHICAGO, I 20225 BRAN	696 address first; if that insuccessful, it will 920 pr@hfzlaw.com LIGHT & ZIMMERMA CKER DRIVE, SUITE ILLINOIS 60606 5/065US03 IDON J. DUBE don J. Dube/	<i>be sen</i> N, LLC	
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE:	e sent to provideo	(312)580-96 o the e-mail if that is u (312)580-10 psteinhause HANLEY, FL 150 S. WAC CHICAGO, I 20225 BRAN /Brand	696 address first; if that insuccessful, it will 920 pr@hfzlaw.com LIGHT & ZIMMERMA CKER DRIVE, SUITE ILLINOIS 60606 5/065US03 IDON J. DUBE don J. Dube/	<i>be sen</i> N, LLC	

source=065US03 Assmt Sgnd FNL#page2.tif source=065US03 Assmt Sgnd FNL#page3.tif source=065US03 Assmt Sgnd FNL#page4.tif source=065US03_Assmt_Sgnd_FNL#page5.tif source=065US03_Assmt_Sgnd_FNL#page6.tif source=065US03_Assmt_Sgnd_FNL#page7.tif source=065US03_Assmt_Sgnd_FNL#page8.tif source=065US03_Assmt_Sgnd_FNL#page9.tif source=065US03_Assmt_Sgnd_FNL#page10.tif source=065US03 Assmt Sgnd FNL#page11.tif source=065US03_Assmt_Sgnd_FNL#page12.tif source=065US03_Assmt_Sgnd_FNL#page13.tif source=065US03 Assmt Sgnd FNL#page14.tif source=065US03 Assmt Sgnd FNL#page15.tif source=065US03 Assmt Sgnd FNL#page16.tif source=065US03_Assmt_Sgnd_FNL#page17.tif source=065US03_Assmt_Sgnd_FNL#page18.tif source=065US03 Assmt Sgnd FNL#page19.tif source=065US03 Assmt Sgnd FNL#page20.tif source=065US03 Assmt Sgnd FNL#page21.tif

ASSIGNMENT

Serial No: 14/859,871

Filed: September 21, 2015

Title: METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA

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, 150 North Martingale Road, Schaumburg, Illinois, 60173. (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. 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 assignce, 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

Page 1 of 7

all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may 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, 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)		and the second se	
WITNESS my hand this	Cday_of	284	lonz
л е	L	C-}~	
	Yakab	Badower	

* * * * *

Page 2 of 7

Assignor(s)

WITNESS my hand this ______ day of ______, _____

Bradley R. Lawrence

* * * * *

Page 3 of 7

Assignor(s)

WITNESS my hand this ______ day of ______, ____,

Marcos Male

* * * * *

Page 4 of 7

Assignor(s) WITNESS my hand this	NTNTH day of	APRIL	.2014.
		Jovanovic	

•

* * * * *

Page 5 of 7

.-

Assign	
WITNI	ESS my hand this TURNY FIGHTS day of ARIL . 2014
	FRORMEN
	Jakob Olrik

* * * * *

Page 6 of 7

Assignce:



* * * * *

Page 7 of 7

ASSIGNMENT

Serial No: 14/859,871

Filed: September 21, 2015

Title: METHODS AND APPARATUS TO GATHER AND ANALYZE

ELECTROENCEPHALOGRAPHIC DATA

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, 150 North Martingale Road, Schaumburg, Illinois, 60173, (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 forcign 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 Assignce. 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 assignee, 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 relssue 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 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, 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 ______

Yakob Badower

* * * * *

Assignor(s)

WITNESS my hand this ______ day of ______

Bradley R. Lawrence

* * * * *

Page 3 of 7

Assignor(s) WITNESS my hand this g^{+4} day of April , 2014 Marcos Male

* * * * *

Page 4 of 7

Assignor(s)

ł

9

÷

WITNESS my hand this _____ day of _____

Marko Jovanovic

* * * * *

Page 5 of 7

÷

Assignor(s)

WITNESS my hand this ______ day of ______.

Jakob Olrik

* * * * *

Page 6 of 7

Assignee:

÷

WITNESS my hand this 24	day of fire	2014
	TAL	
	Thomas Strokise	

* * * * *

Page 7 of 7

ASSIGNMENT

Serial No: 14/859,871

Filed: September 21, 2015

Title:

METHODS AND APPARATUS TO GATHER AND ANALYZE ELECTROENCEPHALOGRAPHIC DATA

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, 150 North Martingale Road, Schaumburg, Illinois, 60173, (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 Assignce 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. 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 assignce.

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 assignce, 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

Page | of 7

all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may 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, 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 _____

Yakob Badower

* * * * *

Page 2 of 7

Assignor(s) Assignor(s) WITNESS my hand this 23 rd day of May , 2014 <u>Hange Clawrence</u>

* * * * *

Page 3 of 7

.

Assignor(s)

WITNESS my hand this ______ day of ______.

Marcos Male

* * * * *

Assignor(s)

WITNESS my hand this _____ day of _____,

Marko Jovanovic

Assignor(s)

WITNESS my hand this ______ day of ______

Jakob Olrik

* * * * *

t

Assignce:

WITNESS my hand this	day of June	2014
	Thomas Strepesc	

* * * * *

Page 7 of 7

RECORDED: 11/17/2015