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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5129329

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTEN V. NIELSEN	04/24/2007
DAN NELSON	04/24/2007

RECEIVING PARTY DATA

Name:	NIELSEN MEDIA RESEARCH, INC.
Street Address:	85 BROAD STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15958814

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	20004/312US07
NAME OF SUBMITTER:	WILLIAM E. JACKLIN
SIGNATURE:	/William E. Jacklin/
DATE SIGNED:	09/07/2018

Total Attachments: 3

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> **PATENT** REEL: 046811 FRAME: 0369 505082571

ASSIGNMENT

Serial No: 14/015,664

Filed: August 30, 2013

Title: DISPLAY DEVICE ON/OFF DETECTION METHODS AND APPARATUS

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Nielsen Media Research, Inc, a Delaware corporation, 770 Broadway, New York, New York, 10003, (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, and in said application and any and all other applications, both United States and foreign, which the undersigned 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 foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

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

The undersigned 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 said application when officially known.

The undersigned warrants himself 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 hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all 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 deem necessary or expedient, and for said consideration the undersigned 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 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 hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all

PATENT REEL: 046811 FRAME: 0370 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.

WITNESS my hand this 34 day of, 2007.
State of Floude County of Punitus ss. Christen V. Nielsen
County of Christen V. Nielsen
On this 24 day of April , 2007, before me, a Notary Public in
and for the County and State aforesaid, appeared Christen V. Nielsen, to me personally
known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses
and purposes therein expressed.
Notary Public: WITNESS my hand and seal the same day and year last above given. My Commission Expires: * * * * * *
WITNESS my hand this 24 day of Opril, 2007.
State of Ilanda
State of Flands County of Phyllus ss. Dan Neison
On this day of day of, 2007, before me, a Notary Public in and for the County and State aforesald, appeared Dan Nelson, to me personally known to be
more ago, appeared san reagon, to the personary known to be

the same person whose name is subscribed to the foregoing instrument, and acknowledged

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that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

Notary Public:

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

aug 3,200,

LINDA J. HAYES

MY COMMISSION # DD 202430

EXPIRES: August 3, 2007

Bonded Thru Notary Public Underwriters

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RECORDED: 09/07/2018