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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kevin Keqiang Deng	11/30/2007

RECEIVING PARTY DATA

Name:	Nielsen Media Research, Inc., a Delaware corporation
Street Address:	770 Broadway
City:	New York
State/Country:	NEW YORK
Postal Code:	10003

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13532264

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	20004/353US03
NAME OF SUBMITTER:	William E. Jacklin

Total Attachments: 2

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> PATENT REEL: 028997 FRAME: 0628

OF \$40.00 13532264

ASSIGNMENT

 Serial No:
 60/956,023;
 12/181,911;
 13/532,264

 Filed:
 August 15, 2007;
 July 29, 2008;
 June 25, 2012

 Title:
 METHODS AND APPARATUS FOR AUDIENCE MEASUREMENT

USING GLOBAL SIGNATURE REPRESENTATION AND MATCHING

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 (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 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.

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 any such application(s) 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 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 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

PATENT REEL: 028997 FRAME: 0629 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 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 30 day of November, 200.7

State of Flanda

County of <u>Finellas</u>

On this 30 day of November, 3007, before me, a Notary Public in and for the County and State aforesaid, appeared Kevin Kequiang Deng, 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.

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

My Commission Expires:

Notary Public:

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PATENT REEL: 028997 FRAME: 0630

RECORDED: 09/20/2012