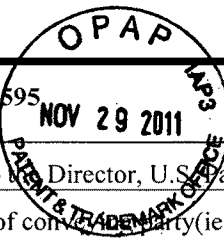


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Form-PTO-1595
1-31-92

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RECORDATION

Atty. Docket: 02229.000073

Attached original documents or copy thereof.

1. Name of conveying party(ies):

DOUGLAS M. DILLON

Additional name(s) of conveying party(ies) attached?

Yes No

MRD
11-29-11

2. Name and address of receiving party(ies):

Name: HUGHES NETWORK SYSTEMS, LLC

Foreign Address:

Domestic Address: 11717 Exploration Lane

City: Germantown State: MD ZIP 20876

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: November 29, 2011

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: November 29, 2011

A. Patent Application Number: 13/306,279

Filing Date: November 29, 2011

B. Title of Invention:

COMPUTER NETWORKING SYSTEM AND METHOD WITH JAVASCRIPT INJECTION FOR WEB PAGE RESPONSE TIME DETERMINATION

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto
1290 Avenue of the Americas
New York, New York 10104-3800

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Daniel S. Glueck, Reg. No. 37,838
Name of Person Signing

/Daniel S. Glueck/
Signature

12/01/2011 HTON11 00000013 13306279
01 FC:0021 November 29, 2011 40.00 OP
Date

Total number of pages including cover sheet, attachments, and documents: 2

DSG/ijr

FCHS_WS 5870286v1.doc

PATENT
REEL: 027465 FRAME: 0337

ASSIGNMENT RE NON-PROVISIONAL APPLICATION FOR ALL COUNTRIES

FOR VALUE RECEIVED, I, Douglas M. Dillon,

citizen of United States

residing at Gaithersburg, MD

hereby sell, assign, transfer and convey unto HUGHES NETWORK SYSTEMS, LLC

a corporation of Delaware

having a place of business at 11717 Exploration Lane, Germantown, MD 20876

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to COMPUTER NETWORKING SYSTEM AND METHOD WITH JAVASCRIPT INJECTION FOR WEB PAGE RESPONSE TIME DETERMINATION.

and described in an application for Letters Patent of the United States filed herewith, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof, and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.


AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, I hereunto set my hand:

Name	Signature	Date
<u>Douglas M. Dillon</u>		<u>11/29/2011</u>

Witness: _____

STATE OF: _____)

COUNTY OF: _____) ss:

On this _____ day of _____, 20____, before me personally appeared _____

to me known and known to me to be the individual(s) described in and who executed the foregoing instrument, and who thereupon acknowledged to me that he / she / they (circle one) executed the same for the purposes therein set forth.

(Seal)

Notary Public:
(Notary Stamp)

DSG/jjr

Atty. Docket No: 02229.000073.

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