

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

08-04-2004

PATENT

Attorney Docket No. PD-200080



102806113

TO: The Commissioner of Patents and Trademarks

1. Submission type:

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document #  
☐ Correction of PTO Error  
Reel Frame  
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2. Nature of Conveyance:

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other:

3. Conveying Party(ies):

☐ Mark if additional names of conveying parties attached.

Name Hughes Electronics Corporation  
Name  
Name  
Name

Execution Date: 7/27/2004 (m/d/yyyy)  
Execution Date: (m/d/yyyy)  
Execution Date: (m/d/yyyy)  
Execution Date: (m/d/yyyy)

4. Receiving Party:

Name: Hughes Software Systems, Ltd.  
Address: NIRLAC Center, B-25  
Qutub Institutional Area  
New Delhi 110016  
India

5. Correspondent Name and Address:

Name: Hughes Software Systems, Ltd.  
Address: NIRLAC Center, B-25  
Qutub Institutional Area  
New Delhi 110016  
India

Please associate this document and the attached documents  
with customer no. 20991.

6. Application Number(s) or Patent Number(s):

☐ Mark if additional numbers attached.

Either enter the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/845,810

08/03/2004 LUMELER 00000035 500383 09045810

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If this document is being filed together with a new Patent Application, enter the date that the patent  
application was executed by the first named inventor.

(m/d/yyyy)

7. Patent Cooperation Treaty (PCT) Numbers:

Enter PCT application number(s)  
only if a U.S. Application Number  
has not been assigned.

PCT  
PCT

PCT  
PCT

PCT  
PCT

8. Number of Properties:

Enter the total number of properties involved: 1.

9. Fee Transmittal:

Fee amount for listed properties (37 CFR 3.41): \$ 40.00

Method of Payment: ☐ Enclosed

☒ Deposit Account Deposit Account No. 50-0383

Authorization to charge additional fees: ☒ Yes ☐ No

10. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of  
the original document. Charges to deposit account are authorized as indicated herein.

Craig L. Plastrik, Reg. No. 41,254

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

PATENT  
REEL: 015632 FRAME: 0272

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Hughes Electronics Corporation ("Assignor") is now the sole and exclusive owner of all right, title and interest in and to the U. S. Patent Application Serial No. 09/845,810, titled **"Peripheral Apparatus for Intelligent Networks and Method for Providing User Services in Intelligent Networks,"** filed 4/30/2001 (the "Patent Application") pursuant to an Assignment by the Inventors dated 3/14/2001 and 3/24/2001; (as hereinafter defined); and

WHEREAS, Hughes Software Systems, Ltd. ("Assignee") is desirous of acquiring ownership of all right, title and interest in and to the Patent Application;

NOW, THEREFORE, in consideration for the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor and Assignee agree as follows:

1. Assignor hereby sells assigns, transfers and conveys to Assignee, all right, title and interest in and to the Patent Application including without limitation, the invention disclosures, any divisional, continuation and continuation-in-part applications that may be filed based on any such application; any patents issuing on any of the foregoing applications, and any reissues or certificates of reexamination of any of the foregoing patents; together with the right to sue for damages and other relief for past and current infringements.
2. Assignor further agrees to execute such additional documents as are necessary to continue, secure, defend, register and otherwise give full effect to and to perfect the rights of Assignee under this Assignment.
3. Assignor hereby authorizes and requests that the Commissioner of Patents and Trademarks of the United States to issue and to record the title of Assignee as owner of all right, title and interest in and to the patents, patent applications and invention disclosures for the Patent Application.

IN TESTIMONY WHEREOF, Assignor has signed below, by its duly authorization representative, on this 27<sup>th</sup> day of July, 2004.

THE DIRECTV GROUP, INC. formerly known as Hughes Electronics Corporation ("Assignor")

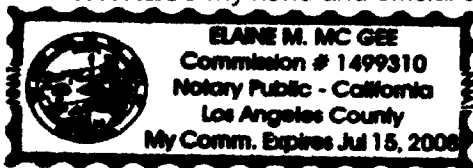
By:

  
Name: Keith U. Landenberger

STATE OF California )  
COUNTY OF Los Angeles ) SS:

On July 27, 2004 before me, Elaine M. McGee a Notary Public in and for said State, personally appeared Keith U. Landenberger, ☒ personally known to me or ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Elaine M. McGee  
Notary Public