

FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

PD-960372

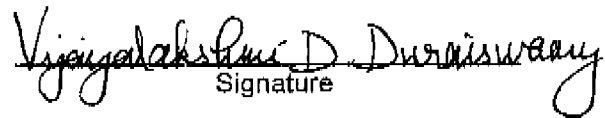
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Raytheon Company Additional Name(s) of conveying party(ies) attached? yes <input type="checkbox"/> no <input checked="" type="checkbox"/>	2. Name and address of receiving party(ies): Name: HUGHES ELECTRONICS CORPORATION Internal Address: Bldg. 001, M/S A109 PO Box 956 200 N. Sepulveda Blvd. El Segundo, CA 90245-0956
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>March 15, 2002</u>	Street Address: 200 N. Sepulveda Blvd. P.O. Box 956 El Segundo, California 90245 Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no

4. Application number(s) or patent number(s): 09/005,411 If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: HUGHES ELECTRONICS CORPORATION Internal Address: Bldg. 001, M/S A109 PO Box 956 200 N. Sepulveda Blvd. El Segundo, CA 90245-0956	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>50-0383</u> (Attached duplicate copy of this page if paying by deposit account)
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DO NOT USE THIS SPACE

9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div data-bbox="129 1764 511 1858"> Vijayalakshmi D. Duraiswamy Name of Person Signing Reg. No. 31,505 </div> <div data-bbox="584 1732 1185 1848">  Signature </div> <div data-bbox="1218 1743 1542 1827"> <u>March 20, 2002</u> Date </div> </div>	
Total number of pages including cover sheet: [3]	

Attorney Docket No. PD-960372

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Luna et al	Art Unit:	2819
Serial No.	09/005,411	Examiner:	Cho, J.
Filed:	January 9, 1998		
Title:	APPARATUS FOR TRANSLATING DIGITAL SIGNALS		

ASSIGNMENT OF INVENTION

WHEREAS, Raytheon Company, a corporation organized and existing under the laws of the State of Delaware ("ASSIGNOR"), having a place of business at 141 Spring Street, Lexington, Massachusetts 02421, is the owner of the patent application identified above and the inventions disclosed and claims therein; and

WHEREAS, Hughes Electronics Corporation, a corporation organized and existing under the laws of the State of Delaware ("ASSIGNEE"), having a place of business at 200 North Sepulveda Boulevard, El Segundo, California 90245, is desirous of acquiring said patent application and the inventions disclosed therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNOR does hereby assign, sell and transfer unto said ASSIGNEE all right, title and interest in and to the said above-identified application and the inventions disclosed and claimed therein, and any patents, continuations, continuations-in-part, divisionals, reissues and re-examinations, domestic and foreign, which may issue therefrom, together with the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with any and all past, present or future infringements of any of said patent(s) issuing with respect thereto or inventions. Notwithstanding anything herein to the contrary, this assignment is and shall remain subject to the rights and licenses retained by or granted to ASSIGNOR and affiliates of ASSIGNOR pursuant to the Dual Use Technology License Agreement by and between ASSIGNOR and ASSIGNEE dated as of December 17, 1997.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

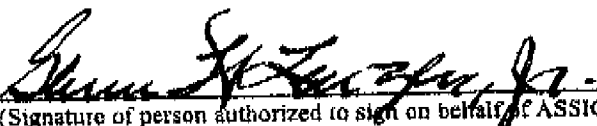
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will promptly execute

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and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 15th day of March, 2002.

RAYTHEON COMPANY

By 
(Signature of person authorized to sign on behalf of ASSIGNOR)

Glenn H. Lenzen, Jr.
(Typed name of person authorized to sign on behalf of ASSIGNOR)

Vice President - Intellectual Property & Licensing
(Title of person authorized to sign on behalf of ASSIGNOR)

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX } SS:

On March 15, 2002, GLENN H. LENZEN, JR., personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.

Notary Public 
Katherine J. Hancock

My Commission Expires: December 8, 2006