U.S. DEPARTMENT OF COMMERCE	03-11-2002 PATENT		
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MPD 2-21-02 RECOF	1811		
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TO: The Commissioner of Patents and Trademarks: Please	record the attablied organian accument(s) or copy(ies).		
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l .	rk if additional names of conveying parties attached.		
Name Daniel Friedman	Execution Date: 2/21/2002 (m/d/yyyy)		
Name Douglas Dillon	Execution Date: 2/20/2002 (m/d/yyyy)		
Name	Execution Date: (m/d/yyyy)		
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4. Receiving Party:	5. Correspondent Name and Address:		
Name: Hughes Electronics Corporation	Name: Hughes Electronics Corporation		
Address: 200 North Sepulveda Blvd. Address: Patent Docketing Administration			
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If this document is being filed together with a <u>new</u> Patent Application, enter the date that the patent 2/21/2002 (m/d/yyyy) application was executed by the first named inventor.			
7. Patent Cooperation Treaty (PCT) Numbers:			
5 5 507	DOT DOT		
only if a U.S. Application Number	PCT PCT		
has not been assigned. 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			
	thorization to charge additional fees: ⊠ Yes □ No		
510). Statement String ature:			
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.			
John T. Whelan, Reg. No. 32,448	Well 02-21-02		
	Signature Date		
Name of Person Signing	Total number of pages comprising cover sheet: 1		

PATENT REEL: 012644 FRAME: 0051



ASSIGNMENT

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Attorney Docket No: PD-201090

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a <u>METHOD AND SYSTEM FOR PERFORMING STATELESS COMPRESSION OF MESSAGES</u>:

$oxed{\boxtimes}$ for which application for Letters Patent of the United States has been executed by me on this day	/; or
which is embodied in U.S. Patent Application Serial No filed on	

WHEREAS, **HUGHES ELECTRONICS CORPORATION**, (hereinafter referred to as **HUGHES**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to HUGHES, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-inpart, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said HUGHES, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to HUGHES, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by HUGHES, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of HUGHES, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in HUGHES, its successors, assigns or other legal representatives.

> PATENT REEL: 012644 FRAME: 0052

ASSIGNMENT

Page 2 of 2 Attorney Docket No: PD-201090

IN WITNESS WHEREOF, I have executed this instrument:

Full Name of Sole or Joint Inventor:	Inventor's Signature:	Date:		
Daniel Friedman	Daniel Friedman	2/21/2002		
Residence (City and State)		INVENTION AGREEMENT DATE		
Silver Spring, Maryland				
Full Name of Joint Inventor:	Inventor's Signature:	Date:		
Douglas Dillon	Dova Dolly	2/20/2002		
Residence (City and State)		INVENTION AGREEMENT DATE		
Gaithersburg, Maryland				
Full Name of Joint Inventor:	Inventor's Signature:	Date:		
Residence (City and State)		INVENTION AGREEMENT DATE		
Full Name of Joint Inventor:	Inventor's Signature:	Date:		
Residence (City and State)		INVENTION AGREEMENT DATE		
STATE OF				
WITNESS my hand and official seal.	Notary Public ///	VIRGINIAL FOGLE Notary Public Frederick County Maryland nmission Expires Feb 28, 2005		
STATE OF Maryland	_			
COUNTY OF <u>Frederick</u>) SS: — ,)			
On 2/2/10 2 before me,	Verginia J. Joyl	e.		
a Notary Public in and for said State, personally appeared				
WITNESS my hand and official seal.	Notary Public 1	genia I Dogle		
	My (V/RGIN/A L. FOGLE Notary Public Frederick County Maryland Commission Expires Feb 28, 2005		

PATENT REEL: 012644 FRAME: 0053

RECORDED: 02/21/2002