U.S. DEPARTMENT OF COMMERCE 07 - 31	-2001 PATENT			
Patent and Trademark Office	Attorney Docket No. 201025			
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1. Submission Type	2. Nature of Conveyance:			
New	Assignment Security Agreement			
Resubmission (Non-Recordation) Document #	License Change of Name			
Correction of PTO Error	☐ Merger ☐ Other:			
Reel Frame	Assignment Security Agreement License Change of Name Merger Other:			
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3. Conveying Party(ies):	additional names of conveying parties attached.			
Name John Border	Execution Date: 7/6/2001 (m/d/yyyy)			
Name Ken Burrell	Execution Date: 7/12/2001 (m/d/yyyy)			
Name	Execution Date: (m/d/yyyy)			
Name	Execution Date: (m/d/yyyy)			
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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09/903832	Please associate this document and the attached documents with customer no. 020991.			
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Patent Application Number(s)	Patent Number(s)			
	<u></u>			
If this document is being filed together with a <u>new</u> Patent Application, e application was executed by the first named inventor.	enter the date that the patent 7/6/2001 (m/d/yyyy)			
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Enter PCT application number(s) PCT	PCT PCT			
only if a U.S. Application Number	PCT PCT			
nas not been assigned.				
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	red 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				
	ization to charge additional rees.			
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	7/12/2001			
Name of Person Signing S	ignature Date			
0/2001 DBYRNE 00000183 500383 09903832	Total number of pages comprising cover sheet: 1			
C:581 40.00 CH				

PATENT REEL: 012010 FRAME: 0664



ASSIGNMENT

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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 IMPROVING NETWORK PERFORMANCE USING A PERFORMANCE ENHANCING PROXY</u>:

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.

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ASSIGNMENT Page 2 of 2

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IN WITNESS WHEREOF, I have executed this instrument:

Full Name of Sole or Joint Inventor:	Inventor's Signature:	Date: ///
John Border	# 18	1/6/01
Residence (City and State)		INVENTION AGREEMENT DATE
Poolesville, Maryland		
Full Name of Joint Inventor:	Inventor's Signature;	Date:
Ken Burrell	June Dunn	7/12/01
Residence (City and State)		INVENTION AGREEMENT DATE
Rockville, Maryland		
Full Name of Joint Inventor:	Inventor's Signature:	Date:
	3	
Residence (City and State)		INVENTION AGREEMENT DATE
Full Name of Joint Inventor:	Inventor's Signature:	Date:
Residence (City and State)		INVENTION AGREEMENT DATE
COUNTY OF	asis of satisfactory evidence to be the person(s) they executed the same in his/her/their authorize	ed capacity(ies), and that by his/her/thei
STATE OF	SS: My Commission SS: My Commission SS: My Commission SS: Hed Survey Bure Bure	ed capacity(ies), and that by his/her/theicuted the instrument.
	No.	NIA L. FOGLE ary Public prick County faryland

My Commission Expires Feb 28, 2005

PATENT REEL: 012010 FRAME: 0666

RECORDED: 07/12/2001