

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 70%;">Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Thad J. Genrich</td><td>10/06/1994</td></tr><tr><td>Richard M. Davis</td><td>10/06/1994</td></tr><tr><td>Bruno A. Martinez</td><td>10/06/1994</td></tr></tbody></table>		Name	Execution Date	Thad J. Genrich	10/06/1994	Richard M. Davis	10/06/1994	Bruno A. Martinez	10/06/1994
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Thad J. Genrich	10/06/1994								
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Bruno A. Martinez	10/06/1994								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Hughes Aircraft Company								
<b>Street Address:</b>	7200 Hughes Terrace								
<b>City:</b>	Los Angeles								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	90045								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="width: 30%;">Property Type</th><th>Number</th></tr></thead><tbody><tr><td><b>Patent Number:</b></td><td>5596609</td></tr></tbody></table>		Property Type	Number	<b>Patent Number:</b>	5596609				
Property Type	Number								
<b>Patent Number:</b>	5596609								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(781)522-6465								
<b>Phone:</b>	781-522-3051								
<b>Email:</b>	kate_e_emerson@raytheon.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
<b>Correspondent Name:</b>	Kate Emerson c/o Raytheon Company								
<b>Address Line 1:</b>	870 Winter Street								
<b>Address Line 4:</b>	Waltham, MASSACHUSETTS 02451								
<b>ATTORNEY DOCKET NUMBER:</b>	093443-US-CNT								
<b>NAME OF SUBMITTER:</b>	Donald F. Mofford								
<b>Total Attachments: 2</b> source=093443-US-CNT Assignment#page1.tif source=093443-US-CNT Assignment#page2.tif									

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**HUGHES**

ASSIGNMENT

Page 1 of 2  
PD-93443

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(an)

PARALLEL CASCADED INTEGRATOR-COMB FILTER for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on \_\_\_\_\_ as Serial No. \_\_\_\_\_; and

WHEREAS, Hughes Aircraft Company (hereinafter referred to as HUGHES), a Delaware Corporation, having its principal place of business in Los Angeles, 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 HUGHES, 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-in-part, 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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IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Thad J. Genrich	INVENTOR'S SIGNATURE <i>Thad J. Genrich</i>	DATE 10/6/94
RESIDENCE (CITY AND STATE) 3957 So. Richfield Way Aurora, CO 80013		INVENTION AGREEMENT DATE 7/17/89

FULL NAME OF SOLE OR JOINT INVENTOR Richard M. Davis	INVENTOR'S SIGNATURE <i>Richard M. Davis</i>	DATE 10/6/94
RESIDENCE (CITY AND STATE) 8327 So. Upham Way #210 Littleton, CO 80123		INVENTION AGREEMENT DATE 6/13/88

FULL NAME OF SOLE OR JOINT INVENTOR Bruno A. Martinez	INVENTOR'S SIGNATURE <i>Bruno A. Martinez</i>	DATE 10/6/94
RESIDENCE (CITY AND STATE) 10150 E. Virginia Ave. Apt. 5-201 Denver, CO 80231		INVENTION AGREEMENT DATE 1/14/91

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RESIDENCE (CITY AND STATE)		INVENTION AGREEMENT DATE

REC 7191 FRAME 030

RECORDED  
REGISTERED TRADEMARK OFFICE  
OCT 13 94

STATE OF Colorado )  
COUNTY OF Arapahoe ) SS:  
On October 6, 1994 before me, [Signature]  
a Notary Public in and for said State, personally appeared Thad J. Genrich, Richard M. Davis, and Bruno A. Martinez

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.

Notary Public [Signature]  
My commission expires June 3, 1995.

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