



100926913 RECORDATION COVER SHEET FOR PATENTS

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Attention: Assignment Division

Please record the attached original documents or copy thereof.

(1) Conveying Party(ies): Dean C. Alhorn, David E. Howard and Dennis A. Smith

(2) Receiving Party(ies): National Aeronautics and Space Administration

Washington, D.C. 20546

(3) Nature of Conveyance: Assignment

Execution Date: November 23, 1998

(4) Application Number: NASA Case No.: MFS-31237-1

Application Title: Resolver to 360° Linear Analog Converter and Method

This document is being filed together with a new patent application for letters patent. The execution date of the application is: November 23, 1998.

(5) Name and address of party to whom correspondence concerning document should be mailed:

National Aeronautics and Space Administration

Marshall Space Flight Center Attn: CC01/Robert L. Broad, Jr.

Marshall Space Flight Center, AL 35812

(6) Total number of applications involved: 1(One)

(7) Total fee (37 CFR 3.41): \$40.00. Authorized to be charged to deposit account.

(8) **Deposit account number**: <u>14-0116</u>

(9) 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. This cover sheet consists of one page.

Respectfully,

Robert L. Broad, Jr., Registration No. 18,757

Enclosure(s): NASA FORM 430

ADDITIONAL CQPY OF THIS FORM

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PATENT REEL: 9645 FRAME: 0437

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National Aeronautics and Space Administration

ASSIGNMENT AND AGREEMENT

Title of Invention: Resolver to 36	0° Linear Analog Converter and M	Method
Inventor(s): Dean C. Alhorn, D.	avid E. Howard and Dennis A. Sm	rith
NASA Case No.: MFS-31237-1	Application No.*:	Filing Date*:
		indersigned inventor(s) and the United States strator of the National Aeronautics and Space
WHEREAS, the making of this A	ssignment and Agreement is in ac	cordance with 37 CFR Part 501; and
WHEREAS, the undersigned inve United States Patent on the above-		e date(s) indicated below, an application for a
United States of America, its terri	nment my (our) full and exclusi tories and possessions, and my (ou	ument, the undersigned hereby: we right in and to said invention within the ur) entire right, title and interest in and to said lication(s), and any patent(s) that may issue
501.9(d), with the understanding be exercised by the undersigned royalty-free license in the inventi	that if this option is not exercised subject to the reservation to the ion with power to grant licenses	re foreign rights, in accordance with 37 CFR by the Government, such foreign rights may Government of a nonexclusive, irrevocable for all governmental purposes. The terms of at which may issue on such invention.
	c) to cooperate in any manner	ecute any document for, (b) to deliver any with the Government in order to allow the nd Agreement.
*4. Authorize and reque filing date above when required.	st the attorneys of record in the ap	plication to insert the application number and
(Signature of Inventor) Dean C. Alhorn	//23/98 (Date) 10310 Kipling Drive, Hunts	(Date Application Executed) sville, AL 35803
(Inventor's Typed Name)	(Post Office Address - Includin	g Country)
(Signature of Inventor) David E. Howard (Inventor's Typed Name)	//- 23-98 (Date) 152 Red Campbell Lane, Hi (Post Office Address - Includin	
(Signature of Inventor) Dennis A. Smith	//-23-98 (Date) 20132 Johnson Road, Ather	(Date Application Executed) as, AL 35613

(Post Office Address - Including Country)

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RECORDED: 11/27/1998

(Inventor's Typed Name)

PATENT REEL: 9645 FRAME: 0438