

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
David E. Howard		01/28/2008
Dean C. Alhorn		01/28/2008
Dean A. Smith		01/28/2008
RECEIVING PARTY DATA		
Name:	National Aeronautics and Space Administration	
Street Address:	300 E Street	
City:	Washington, DC	
State/Country:	DISTRICT OF COLUMBIA	
Postal Code:	20546	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12039506	
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ATTORNEY DOCKET NUMBER:	MFS-32402-1	
NAME OF SUBMITTER:	James J. McGroary	
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**PATENT  
REEL: 020578 FRAME: 0267**



National  
Aeronautics and  
Space  
Administration

Patent Application

## Assignment to the Government (by Government Employee)

Title of Invention: POSITION SENSING FOR ROTOR IN HYBRID STEPPER MOTOR

Inventor(s): Dean C. Alhorn, David E. Howard and Dennis A. Smith

NASA Case No.: MFS-32402-1

Application No.\*: \_\_\_\_\_

Filing Date\*: \_\_\_\_\_

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Dean C. Alhorn  
(Signature of Inventor)

Dean C. Alhorn  
(Inventor's Typed Name)

1/28/08  
(Date Assignment Executed)

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(Date Application Executed)

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PATENT

RECORDED: 02/28/2008

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