

National Aeronautics and
Space Administration
Jet Propulsion Laboratory
NASA Management Office
4800 Oak Grove Drive
Pasadena, CA 91109-8099

04-20-1999



101014658



PATENT APPLICATION

Reply to Attn of:

SPJ

Commissioner of Patents and Trademarks
North Tower Building, Suite 10C35
Washington, DC 20231

Sir:

Please record the attached original document or copy thereof.

- (1) Conveying party: Stephen A. Whitmore
- (2) Receiving party: U.S. Government as Represented by the Administrator of
the National Aeronautics and Space Administration
Washington, DC 20546-0001
- (3) Nature of conveyance: Assignment
- (4) Application No.: NPO- DRC-098-006
Execution Date: March 9, 1999
- (5) Return recorded
document to: John H. Kusmiss
NASA Management Office, M/S 180-801
Jet Propulsion Laboratory, 4800 Oak Grove Drive,
Pasadena, CA 91109
- (6) Total number of
applications involved: One
- (7) Total fee (37 CFR 3.41): \$40
- (8) Charge to: Deposit Account No. 14-0116
- (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. The cover sheet
consists of one page.

Total number of pages including cover sheet, attachments and documents: Two

Respectfully,

John H. Kusmiss
John H. Kusmiss
Patent Attorney
Registration No. 32,149
(818) 354-7770

Enclosures

1. Assignment
2. Additional Copy of Cover Sheet

PATENT

REEL: 9888 FRAME: 0519

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04/12/1999 58007A
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Assignment and Agreement

Patent Application

Title of Invention: A CLOSED-FORM INTEGRATOR FOR THE QUANTERNION (EULER-ANGLE) KINEMATICS
EQUATION

Inventor(s): Stephen A. Whitmore

NASA Case No.: DRC-098-006

Application No.*: 09/002,871

Filing Date*: 01/06/98

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 37 CFR Part 101; 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 the option to acquire foreign rights, in accordance with 37 CFR § 101.4, with the understanding that if this option is not exercised by the Government, such foreign rights may be exercised by the undersigned in accordance with 37 CFR § 101.8.

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.

(Signature of Inventor)

Stephen A. Whitmore

(Inventor's Typed Name)

3-9-1999

(Date)

42620 Dogwood Road, Lake Hughes, CA 93532 USA

(Post Office Address - Including Country)

01-06-1998

(Date Application Executed)

(Signature of Inventor)

(Date)

(Date Application Executed)

(Inventor's Typed Name)

(Post Office Address - Including Country)

(Signature of Inventor)

(Date)

(Date Application Executed)

(Inventor's Typed Name)

(Post Office Address - Including Country)