

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

04-29-1999

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**



101022831

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## Conveyance Type

- ☐ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
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**PATENT**

REEL: 9901 FRAME: 0321

FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Correspondent Name and Address**

Area Code and Telephone Number

Name Kathy BayerAddress (line 1) National Aeronautics and Space AdminAddress (line 2) 300 "E" Street, SW., Code GPAddress (line 3) Washington, DC 20546

Address (line 4)

**Pages**Enter the total number of pages of the attached conveyance document  
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1**Application Number(s) or Patent Number(s)**☐

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

5388480

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number  
has not been assigned.PCT PCT PCT PCT PCT PCT **Number of Properties**

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1**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

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Method of Payment:

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Kathy Bayer

Name of Person Signing

Signature

04/15/99

Date



National  
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## License to the Government

In accordance with a contract set forth below between the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration (NASA) and the below-named Contractor, the invention cited below is a SUBJECT INVENTION made in the performance of work under the contract, and ☒ the Contractor has elected to retain title to the SUBJECT INVENTION; or ☐ the Contractor has elected not to retain title to the SUBJECT INVENTION, and NASA, after consultation with the Contractor, has granted the request for retention of rights by the Inventor, an employee of the Contractor, subject to the provisions of 35 U.S.C. §202(d) and FAR 52.227-11; Patent Rights-Retention by the contractor, but subject to a License to the Government, as described below.

NOW THEREFORE, pursuant to the terms and conditions of the contract, the Contractor/Inventor does hereby grant to the Government of the United States a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States this SUBJECT INVENTION and any patents which may issue thereon throughout the world. At this time at least the following U.S. patent application has been filed on the SUBJECT INVENTION.

Title: Pretensioning Mechanism for Tension Element Drive Systems  
(Worm-Drive Based Cable-Drive Pretensioner Innovation)

Contractor: Barrett Technology, Inc.

Patent Application Serial No.: 102085

Filed: 8/4/93

Patent No.: 5388480

Issue Date: 2/14/95

Contract No.: NAS9-18523

Contractor Case No.:

NASA Case No.: MSC-22405-1-SB

Inventor(s): William T. Townsend

The Contractor/Inventor agrees to include, within the specification of any United States patent applications and any patents issuing thereon covering this SUBJECT INVENTION, the following statement as in FAR 52.227-11(f)(4):

*"This invention was made with Government support under contract NAS9-18523 awarded by NASA. The Government has certain rights in this invention."*

The Contractor/Inventor further agrees to notify NASA of any decision not to continue prosecution of the application(s), pay maintenance fees, or defend in a reexamination or opposition proceeding on a patent, in any country, not less than 30 days before the expiration period required by the U.S. Patent and Trademark Office.

Title to this Invention is subject to the March-In-Rights by NASA as stated in 35 U.S.C. §203 and FAR 52.227-11(j).

The Contractor/Inventor shall furnish a copy of the patent application cited above and a listing of each country in which applications have been and are filed. Whenever a patent issues on the SUBJECT INVENTION, the patent number, the issue date, and the country shall be made known to the Government as soon as this information is available to the Contractor/Inventor.

WILLIAM T. TOWNSEND, PRESIDENT & C.E.O.  
(Typed name and title of Corporate Officer or Inventor(s))

[Signature] 21-FEB-99  
(Signature and Date)