| FORM PTO-1595 (Rev. 5-93) | RECOF | 04-04 | -2000 | :ET | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | |
|--|-----------------|-------------------|---|----------------|--|--|
| OMB No. 0651-0011 (exp. 4/94) | | | | | | |
| Tab settings □ □ □ ▼ | Y | | | <u>▼</u> | ▼ ▼ | |
| To the Honorable Commission | oner of Patents | 10130 | 04227 | i original | documents or copy thereof. | |
| 1. Name of conveying party(ies) | | | 2. Name and address of receiving party(ies) | | | |
| Phillip G. Wapner OPR/FINANCE | | CE | Name: UNITED STATES AIR FORCE | | | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No | | | Internal Address:ESC/JAZ | | | |
| | | | | | | |
| 3. Nature of conveyance: | | | 40 Wright Street | | | |
| ☑ Assignment ☐ Merger | | | Street Addres | s: | | |
| ☐ Security Agreement ☐ Change of Name | | | | | | |
| □ Other | | | City: <u>Hanse</u> | vm AFB | _ State: <u>MA</u> _ ZIP: <u>01731</u> _ 2903 | |
| Execution Date: 2/25/99; | 2/25/99 | | Additional name(| s) & address | (es) attached? Yes No | |
| 4. Application number(s) or patent number(s): | | | | | | |
| If this document is being filed together with a new application, the execution date of the application is: | | | | | | |
| | | | | | | |
| A. Patent Application No.(s) | | | B. Patent No |).(S) | | |
| 09/274,820 | | | | | | |
| Additional numbers attached? ☐ Yes ☐ No | | | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | | | 6. Total number | of applicati | ons and patents involved: | |
| IIII TAN I STECEL | | | 7. Total fee (37 CFR 3.41)\$_40 | | | |
| Name: | | | | | | |
| Internal Address: | | | ☐ Enclosed | | | |
| | | | Authorize | ed to be cha | arged to deposit account | |
| ESC/JAZ | <u>Z</u> | | · · · · · · · · · · · · · · · · · · · | | | |
| Street Address: 40 Wrig | ght Street | | 8. Deposit acco | unt numbe | er: | |
| | | | AF 01-04 | 65 | | |
| City: Hanscom AFB S | tate: MA ZII | P: 01731- 2903 | (Attach duplicate | e copy of this | page if paying by deposit account) | |
| 04/04/2000 TT0N11 00000016 010465 09274820 DO NOT USE THIS SPACE | | | | | | |
| 01 FC:581 40.00 CH | | | | | | |
| Statement and signature. To the best of my knowledge and belief, the foregoing information is frue and correct and any attached copy is a true copy of the original document. | | | | | | |
| JULIAN L. SIEGEL | | | m L 9 February 00 | | | |
| Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: | | | | | | |
| Mail documents to be recorded with required cover sheet information to: | | | | | | |

Serial #: 09/274,820 Filed: 17 March 1999

AF Inv. No. AFB00458

ASSIGNMENT

WHEREAS the Government of the United States of America entered into a contract Number F04611-96-C-0001 with Sparta, Inc., as Contractor, which contract provides that as to all discoveries, inventions or improvements made or first reduced to practice in the performance thereof and not covered or to be covered by applications for Letters Patent filed by the Contractor, the Government of the United States shall be entitled to an assignment of the Contractor's entire right, title, and interest therein; this assignment being subject to a Wavier of Intellectual Rights dated 1 November 1995.

WHEREAS Phillip G. Wapner was employed by the Contractor and during the course of his employment made an invention jointly with Wesley P. Hoffman, an employee of the United States Government, entitled MICROTUBES WITH AXIAL VARIABLE GEOMETRIES AND METHOD OF MANUFACTURING SAME, which invention forms a part of the aforesaid contract; and

WHEREAS the Contractor has signified its intention not to file an application for Letters Patent on the aforesaid invention;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Phillip G. Wapner, joint inventor, and Sparta, Inc., the Contractor, by its duly authorized officer or agent, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the Secretary of the Air Force, our undivided right, title and interest throughout the United States of America, its territories and dependencies. and all foreign countries, in and to the said invention entitled MICROTUBES WITH AXIAL VARIABLE GEOMETRIES AND METHOD OF MANUFACTURING SAME, described in the specification executed by me, on or about the 25th day of February 1999, preparatory to obtaining Letters Patent of the United States therefor and all Letters Patent issuing there on and any continuations, divisions and reissues or extensions thereof; we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force and his/her successors, the assignee of the said undivided right, title and interest in and to the same for the sole use, except as aforesaid, for the full term or terms for which said Letters Patent and any continuations, divisions, and reissues or extensions thereof are or may be granted as fully and entirely except as aforesaid, as the same would have been held by Phillip G. Wapner. joint inventor, and Sparta, Inc. had this assignment not been made; and I, Phillip G. Wapner. joint inventor, hereby agree to execute any and all applications for Letters Patent, both domestic and foreign, and to furnish all data and documents and to execute any papers which may be necessary for the preparation or filing of such applications, except it shall be understood that I shall not be subject to any out of pocket expense relative to such action.

> PATENT REEL: 010646 FRAME: 0881

| STATE OF: <u>California</u> COUNTY OF: <u>Kern</u> , SS | |
|--|--|
| Before me, a Notary Public in and for the county of California, on this day appeared Phillip II Wagner, who being duly signed the above Assignment and acknowledged sa | sworn did say that he is the inventor who |
| GLENDA M. FORT Comm. # 1134150 NOTARY PUBLIC - CALIFORNIA Kern County My Comm. Expires May 18, 2001 | Menda M. Fort Notary Public |
| | Contractor SPARTA Tre. Officer or Agent JERRY R. FABIAN VICE PRESIDENT DIRECTOR, BUSINESS ADMINISTRATION Business 23041 de la Carlota # 325 Address LAGUAR HILLS, CA 92630 |
| I, Jerry Fabian, certify that I as equivalent, of the Corporation named as the Contraction of the Corporation who signed this ass of said Corporation in behalf of said Corporation by authority of its go corporate powers. | m the Secretary, Assistant Secretary, or actor herein, that ignment on behalf of the Contractor, was then , that said assignment was duly signed for and |

2

PATENT REEL: 010646 FRAME: 0882

RECORDED: 02/15/2000