11-08-2006



R SHEET

NASA Case No. LEW 17,396-1

103333995 nissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party: Geoffrey A. Landis U.S. Government as represented by the Administrator of National Aeronautics and Space Administration Additional name(s) of conveying party(ies) Washington, D.C. 20546-0001 Attached? \_\_\_ Yes \_\_\_X No 3. Nature of conveyance: X Assignment Security Agreement \_\_\_ Change of Name Additional name(s) & address(es) attached? Yes No Execution Date: March 29, 2003 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 A. Patent Application No.(s) B. Patent No.(s) 10/403,714 Additional numbers attached? Yes X No 6. Total number of applications and patents 5. Name and address of party to whom correspondence concerning document should be mailed: involved: 7. Total fee (37 CFR 3.41)......\$40.00 Kent N. Stone Patent Attorney, Mail Stop 500-118 **Enclosed** NASA Glenn Research Center x Authorized to be charged to deposit 21000 Brookpark Road account Cleveland, Ohio 44135 8. Deposit Account Number: 14-0116 (Attach duplicate copy of this page if paying by deposit Scount) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attache co is a true copy of the original document. Kent N. Stone Name of Person Signing Total number of pages comprising cover sheet:

> PATENT REEL: 018500 FRAME: 0511

National Aeronautics and Space Administration

## ASSIGNMENT TO THE GOVERNMENT (by Government Employee)

Title of Invention: GaP/SILICON TANDEM SOLAR CELL WITH EXTENDED TEMPERATURE RANGE
Inventor(s): Geoffrey A.Landis
NASA Case No. <u>LEW-17396-1</u> Application No.*: 10/403, 714 Filing Date*: March 31, 2803
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 in accordance with 37 CRF Part 501; and
WHEREAS, the undersigned inventor(s) has (have) executed, on the date 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 CRF 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 of 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 the 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)  (Signature of Inventor)  (Date Assignment Executed)  (Date Application Executed)  (Date Application Executed)  (Inventor's Typed Name)  (Mailing Address – Including Country)

Nas105 asn

**RECORDED: 10/30/2006** 

PATENT REEL: 018500 FRAME: 0512