

7-25-03

Substitute PTO-1595
(Rev. 10/02)

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FINANCE SECTION

To the Honorable Commissioner of Patents

102510532

Original documents or copy thereof.

1. Name of conveying party(ies)

Phillip G. Wapner
Wesley P. Hoffman

2. Name and address of receiving party(ies)

Name: The United States of America as represented by
the Secretary of the Air Force

Internal Address: AFMCLO/JAZ

Bldg 11, Room 100

Street Address: 2240 B Street

City: Wright-Patterson AFB State: OH Zip: 45433

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 1/28/03 and 6/19/03

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)

10/335,660

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence should be addressed:

Name: THOMAS L. KUNDERT

Internal Address: AFMCLO/JAZ

Bldg 11, Room 100

Street Address: 2240 B Street

City: Wright-Patterson AFB State: OH Zip: 45433

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

AF 01-0465

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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.

THOMAS L. KUNDERT
Name of Person Signing

Signature

7/22/03
Date

Total number of pages including cover sheet, attachments, and documents: 5

07/29/2003 ECOOPER 00000148 010465 10335660

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PATENT
REEL: 014312 FRAME: 0441

ASSIGNMENT

Application Title: LIQUID TO SOLID ANGLE OF CONTACT MEASUREMENT
Inventor(s): Phillip G. Wapner et al
Date Inventor(s) Executed Declaration: 28 Jan 03
Contractor: ERC
Contract Number: F04611-99-C-0025
Contractor's Invention No.: _____
Air Force Invention No.: AFD 00567

The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, including an ongoing agreement under Attachment 5 of the contract, assigning rights in any intellectual property conceived or reduced to practice under the contract to the Secretary of the Air Force, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Wesley P. Hoffman, an employee of the United States Government, and any substitution, division, continuation-in-part, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.

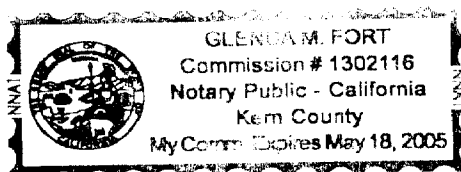
The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and prosecute such applications and make this assignment effective.

The Contractor joins in and agrees to this assignment and relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.

Phillip G. Wapner
Phillip G. Wapner

SIGNED and acknowledged before me this 28 day of January, 2002, at AFRL/PR, 5 Polk Dr.
County of Kern, and State of California. Edwards AFB CA

(seal)



Glenda M. Fort
Notary Public

FOR THE CONTRACTOR

Contractor: ERC

By: 

(Signature of officer or agent)

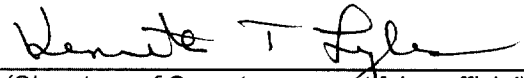
Date: 2/03/03

Printed Name: Ernest H. Wu

Title: President & CEO

Business Address: 555 Sparkman Dr., Ste 1622, Huntsville AL
35816

I, Kenneth T Lyles, certify that I am the Secretary of the corporation named as Contractor herein; that Ernest H. Wu who signed this assignment on behalf of the Contractor was then President & CEO of said corporation; that said assignment was duly signed for and on behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.



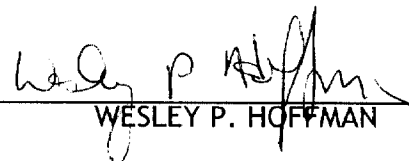
(Signature of Secretary or certifying official)

ASSIGNMENT

WHEREAS I, Wesley P. Hoffman, while employed by the Government of the United States, made jointly with Phillip G. Wapner an invention entitled LIQUID TO SOLID ANGLE OF CONTACT MEASUREMENT, described in an application for Letters Patent of the United States executed by me on the 28th day of January 2003;

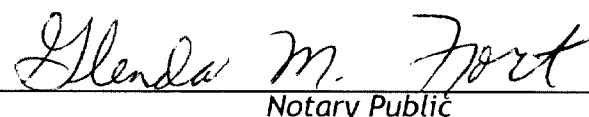
WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, **Wesley P. Hoffman**, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.


WESLEY P. HOFFMAN

SIGNED and acknowledged before me this 19th day of June, 2003, at AFRL/PR, 5
Pollux Dr, EAFB, County of Kern, and State of CA.

(Seal)


Notary Public

