SUBSTITUTE U.S. DEPARTMENT OF COMMERCE **FORM PTO-1595** Patent and Trademark Office 101462760 To the Honorable Commissioner of Pateria and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): SEP 0 5 2000 *NAVSYS CORPORATION* United States Air Force Additional name(s) of conveying party(ies) attached Internal Address: AFMC LO/JAZ Nature of conveyance: Street Address: 2240 B Street, Room 100 □ Assignment □ Merger ☐ Security Agreement City: Wright-Patterson Air Force Base □ Change of Name Other Confirmatory License State: Ohio Zip: 45433-7109 Execution Date(s): August 10, 2000 This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1). Additional name(s) & address(es) attached? ☐ Yes ☒ No 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): 09/395,550 Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Fredric L. Sinder 7. Total fee (37 CFR 3.41)\$ Internal Address: AFMC LO/JAZ □ Enclosed Not applicable Street Address: 2240 B Street, Room 100 The instrument to be recorded is not an instrument affecting title (37 CFR 3.41(b)). City: Wright-Patterson Air Force Base 8. Deposit account number: State: Ohio ZIP: 45433-7109 (Attach duplicate copy of this page if paying by deposit account) 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 attached copy is a true copy of the original document. August 31, 2000 Fredric L. Sinder Date Name of person signing Signature Total number of pages including cover sheet, attachments, and document:

> PATENT REEL: 011069 FRAME: 0438

CONFIRMATORY INSTRUMENT

Items Marked with an Asterisk (*) must be Filled in by Contractor

1. NAME OF CONTRACTOR

NAVSYS Corporation

SEP 0 5 2000

OIPE

2. CONTRACT NO.

F08630-96-C-0045

3. TITLE OF INVENTION

"Miniature GPS Arrays Using High Dielectric Substrates and Superstrates "

4. NAME OF INVENTOR (s)

Brown, Alison K.

5. SERIAL NO. *

6. FILING DATE *

09/395550

14 SEPT 1999

The invention identified above is a "Subject Invention" under Patent Rights Clause 52.227-11, included in Contract No. F08630-96-C-0045 with the United States Air Force.

This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application, and any resulting patent, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)*

BY (Signature of Contractor)

TITLE OF CONTRACTOR *

President, NAVSYS Corporation

BUSINESS ADDRESS *

14960 Woodcarver Road Colorado Springs, CO 80921

Execution Date: 10 Cluquet 2000

ATTEST * Janua J. Saunt

RECORDED: 09/05/2000

PATENT REEL: 011069 FRAME: 0439