| FORM PTO:1595 (Rev. 6-93) OMB NJ. 0651-0011 (exp. 4/94) Tab settings D. D. D. V | 02-2001 EET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office |
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| | d original documents or copy thereof. |
| l 10 | /99//5 |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies) Name: Herman L. "Jack" Jones |
| Pacific Aerospace Electronics η -1-99 | |
| Additional name(s) of conveying party(ies) attached? Q Yes Q No | Internal Address: |
| 3. Nature of conveyance: | |
| C Assignment C Merger | Street Address: 3761 School Street |
| Security Agreement Change of Name | · · · · · · · · · · · · · · · · · · · |
| Other | City: Wenatchee State: WA ZIP: 98801 |
| Execution Date: | Additional name(s) & address(es) attached? Yes No |
| 4. Application number(s) or patent number(s): 9/302,590 filed 4/30/99 9/303, 196 filed 4/30/99 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) |
| | |
| Additional numbers attached? Yes No | |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 2 |
| Name: Herman L. "Jack" Jones | 7. Total fee (37 CFR 3.41)\$ <u>80.00</u> |
| Internal Address: | Enclosed |
| | Authorized to be charged to deposit account |
| | ALREADY PAID PER ATTACHED LETTER |
| Street Address: 3761 School Street | 8. Deposit account number: |
| City: Wenatchee State: WA ZIP: 98801 | (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. <u>HERMAN L, JONES</u> Name of Person Signing Total number of pages including cover sheet, attachments, and document: <u>Total number of pages including cover sheet, attachments, and document</u>: <u>Total number of pages including cover sheet, attachments, and document</u>: <u>Total number of pages including cover sheet, attachments, and document</u>: <u>Total number of pages including cover sheet, attachments, and document</u>: <u>Total number of pages including cover sheet, attachments, and document</u>: <u>Total number of pages including cover sheet</u>. <u>Total number of p</u> | |
| their documents to be recorded with required cover sheet information to: | |
| Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 PATENT | |
| REEL: 011815 FRAME: 0474 | |

PATENT SECURITY AGREEMENT CONFIRMATION

This document confirms and provides notice that a Patent Security Agreement was made as of December 30, 1998 by and between Herman L. Jones ("Jones") and Pacific Aerospace & Electronics, Inc., a Washington corporation ("PA&E").

The underlying Patent Security Agreement grants a security interest in and is enforceable, until released, against the following U.S. Patent Applications, as well as any patents issuing on the following applications, and reissue, extension, divisional or continuation applications relating to the following applications:

- U.S. Patent Application No. 09/302,590 filed April 30, 1999
- U.S. Patent Application No. 09/303,196 filed April 30, 1999

This confirmation document is intended to confirm and provide notice of the Patent Security Agreement made as of December 30, 1998 between Jones and PA&E and does not change or modify any of the terms of that Agreement. This confirmation is made solely for the purposes of recording the existence of the Patent Security Agreement and security interest in the two above-mentioned U.S. Patent Applications in the U.S. Patent and Trademark Office.

Made and executed as of December 30, 1998.

PACIFIC AEROSPACE & ELECTRONICS, INC.

Alland

By: Sheryl A. Symonds Vice President, Administration & General Counsel

HERMAN L. JONES

Herman

PATENT REEL: 011815 FRAME: 0475

RECORDED: 07/01/1999