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FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
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Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks, Plea

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1. Name of conveying party(ies): **JAN 10 AM 9:19**
 Mark S. Scheuer
OPR/FINANCE

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
 Name: PS Engineering, Inc.
 Internal Address: _____
 Street Address: 9800 Martel Road

 City Lenoir State TN ZIP 37771
 Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

Assignment
 Merger
 Security Agreement
 Change of Name
 Other _____

Execution Date: April 29, 1999

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of this application is:

A. Patent Application No.(s) 08/641,498 B. Patent No.(s) 5,903,227
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: B. Noel Kivlin
 Internal Address: Conley, Rose & Tayon, P.C.
 Street Address: P.O. Box 398
 City Austin State TX ZIP 78767-0398

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

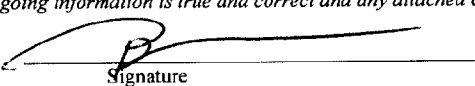
8. Deposit account number:
 (Attach a duplicate copy of this page if paying by deposit account)

02/09/2000 DNGUYEN 00000255 08641498
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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.

B. Noel Kivlin  1-3-00
 Name of Person Signing Signature Date
 Reg. No. 33,929

Total number of pages: 2

OMB No. 0651-011 (exp.4/94)

PATENT
REEL: 010531 FRAME: 0164

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

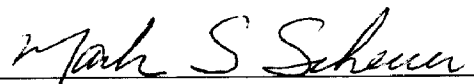
SELL, ASSIGN AND TRANSFER to PS ENGINEERING, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 9800 Martel Road, Lenoir City, TN 37771, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in U. S. Patent Application Serial No. 08/641,498, filed April 30, 1996, and is entitled REMOTE CHANNEL SWAP FOR AVIATION COMMUNICATIONS, such patent application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature)  Date: April 29, 99
Name: Mark S. Scheuer

B. Noël Kivlin
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