

08-20-2001



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To the Honorable Commissioner of Pa

101816771

Please record the attached original documents or copy thereof.

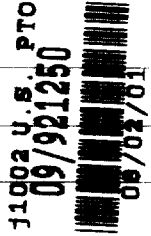
1. Name of conveying party(ies):  
James J. O' Brien

08/02/01

2. Name and address of receiving party(ies):

Name: WindRiver Systems

Internal Address: \_\_\_\_\_



Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: 500 Wind River Way

City: Alameda State: CA ZIP: 94501

Execution Date: July 16, 2001

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/921250

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Richard L. Sampson

Internal Address: \_\_\_\_\_

Street Address: 50 Congress Street

Suite 519

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: 1

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

50-0734

08/17/2001 LMUELLER 00000164 500734 09921250

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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.

Richard L. Sampson

8/2/01

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document



ASSIGNMENT

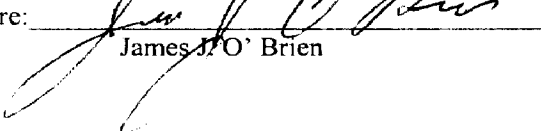
In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby:

sell, assign, and transfer to Wind River Systems, Inc., a corporation of Delaware, having a principal place of business at 500 Wind River Way, Alameda, California 94501, ("Assignee"), and its successors, assigns, and legal representatives, my entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or other improvements that are disclosed in the application for the United States patent that is filed herewith and is entitled **MULTIPLE DEVICE SCAN CHAIN EMULATION/DEBUGGING** (hereinafter "application subject matter"), and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of the application subject matter; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on the application subject matter; and in and to all rights of priority resulting from the filing of said United States application;

agree that Assignee may apply for and receive a patent or patents for the application subject matter in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, 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 the application subject matter; execute all rightful oaths, declarations, powers of attorney, proofs of assignment and other papers; communicate to Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to the application subject matter and the history thereof; and generally assist Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for the application subject matter and for vesting title to the application subject matter, and all applications for patents and all patents on the application subject matter, in Assignee, its successors, assigns, and legal representatives; and

covenant with Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

In testimony of the above, I hereunto set my hand:

Date: 7/16/2001 Signature:   
James J. O'Brien

Assignment Document Return Address:

Please return executed document to

**Richard L. Sampson**  
**SAMPSON & ASSOCIATES, P.C.**  
**50 Congress Street**  
**Boston, MA 02109**