101070419 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Bruce R. Barsumian and RESEARCH ELECTRONICS Thomas H. Jones INTERNATIONAL Additional name(s) of conveying party(ies) attached? [1 Yes [X] No Street Address: 515 South Old Kentucky Road 3. Nature of conveyance: Cookeville, TN 38501 [X] Assignment [] Merger [] Change of Name 1 1 Other [] Security Agreement Execution Date: May 28, 1999 4. Application number(s) or patent (numbers): If this document is being filed together with a new application, the execution date of the application is: May 28, 1999 B. Patent No(s). A. Patent Application No(s). Additional numbers attached? [] Yes [X] No 6. Total number of applications and patents Name and address of party to whom correspondence concerning document should be mailed: involved: 1 Andrew S. Neely, Esq. 7. Total fee (37 CFR 3.41).....\$ 40 LUEDEKA, NEELY & GRAHAM, P.C. [X] Enclosed P. O. Box 1871 [X] Please charge to deposit account any Knoxville, TN 37901 06/17/1999 MPEOPLES 00000039 09326789 missing or additional fee 8. Deposit Account No. 12 - 2355 40.00 Op DO NOT USE THIS SPACE 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. 4, Andrew S. Neely Date Name of Person Signing Signature, Total number of pages including cover sheet: [3] \P:\PINK\53038ASG.TRN

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Date of Deposit: June 4, 1999

PATENT REEL: 010027 FRAME: 0846

Assignment

We, Bruce R. Barsumian, a citizen of the United States, having a mailing address of 459 Hampton Circle, Cookeville, TN 38501 and Thomas H. Jones, a citizen of the United States, having a mailing address of 1435 Jamestown Court, Cookeville, TN 38501, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to RESEARCH ELECTRONICS INTERNATIONAL, a corporation of Tennessee, having its principal place of business at 515 South Old Kentucky Road, Cookeville, TN 38501, its successors, assigns and legal representatives, the entire right, title and interest throughout the world in and to all subject matter invented by us and disclosed in the application identified below:

Title: PULSE TRANSMITTING NON-LINEAR JUNCTION DETECTOR

Inventor(s): Bruce R. Barsumian

Date of Execution of Declaration

Thomas H. Jones

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all papers necessary to secure all said Letters Patent to the above assignee in accordance with the Assignment.

5-18-39

Date of Execution of Assignment

Bruce R. Barsumian

PATENT REEL: 010027 FRAME: 0847

STATE OF TENNESSEE)
COUNTY OF PUTNAM)
I hereby certify that before me appeared Bruce R. Barsumian, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof. Date: 5-38 22. Notary Public
My Commission Expires: $9-18-2000$

STATE OF TENNESSEE) COUNTY OF PUTNAM)
I hereby certify that before me appeared Thomas H. Jones, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 5.28 99

William Henn Notary Public

My Commission Expires: 9-18-2000

RECORDED: 06/04/1999

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PATENT REEL: 010027 FRAME: 0848