FORM PTO-1595 (Rev. 6-93)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Saphan Yok NANOWAVE, INC. Stephen R. Nelson 1701 N. Greenville Avenue Internal Address: Additional name(s) of conveying party(ies) Suite 304 attached? Yes X No Richardson, TX 75081 Street Address: 1701 N. Greenville Avenue 3. Nature of conveyance: Suite 304 X Assignment Richardson, TX 75081 _ Merger Security Agreement Change of Name Additional name(s) & address(es) attached? Yes X No Other Execution Date: January 11, 2002 4. 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: See No. 3 above. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes X No Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41):.... \$40.00 Steven R. Greenfield Jenkens & Gilchrist, P.C. X Enclosed 1445 Ross Avenue, Suite 3200 Dallas, Texas 75202-2799 X Overpayment or underpayment of this fee is authorized to be charged to deposit account Deposit account number: DE/14/2002 TDIAZ1 00000050 10061716 10-0447 01 FC:581 40.00 DP 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. HOLLY L. RUDNICK, Reg. No. 43,065 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Washington, D.C. 20231

Type or Print Name: DEBBIE HARGROVE.

Signature

ASSIGNMENT

WHEREAS, we, SAPHAN YOK and STEPHEN R. NELSON, have invented certain new and useful improvements in the following:

GROUP DELAY EQUALIZER INTEGRATED WITH A WIDEBAND DISTRIBUTED AMPLIFIER MONOLITHIC MICROWAVE INTEGRATED CIRCUIT

for which we have made application for United States Letters Patent, the said application having been executed by us on

WHEREAS, NANOWAVE, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 1701 N. Greenville Avenue, Suite 304, Richardson, Texas 75081 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part, continued prosecution applications and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar

Dallas2 856852 v 1, 49598.00005

as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNMENT - Page 2

Dallas2 856852 v 1, 49598.00005

| We further authorize and direct our attorneys to insert below* | | |
|--|--|--|
| the serial number and filing date of said application now | | |
| identified as Case Docket No. 49598-00005 as soon as the same shall | | |
| have been made known to them by the United States Patent Office. | | |
| *Serial Number: | | |
| Filing Date: | | |
| | | |
| IN WITNESS WHEREOF, I have hereunto set my hand and seal this | | |
| 11 day of 74N, 2002. | | |
| Qb,2 | | |
| SAPHAN YOK | | |
| 8705 Briarcrest Drive | | |
| Rowlett, Texas 75089 | | |
| STATE OF TEXAS § S COUNTY OF Dalas § | | |
| BEFORE ME, the undersigned authority, on this day, personally appeared SAPHAN YOK, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. | | |
| GIVEN UNDER MY HAND and seal of office this day of, 2002. | | |
| Cheryl Ann Fults | | |

Cheryl Ann Fults

Cheryl Ann Fults

My Commission Expires

October 3, 2004

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

My Commission Expires:

October 3, 2004

ASSIGNMENT - Page 3

Dallas2 856852 v 1, 49598.00005

| IN WITNESS WHEREOF, I have hereunto set my hand and seal this | | |
|---|--|--|
| 11 day of January, 2002. | | |
| STEPHEN R. NELSON 1062 E. Pendleton Place Springfield, Missouri 65810 | | |
| STATE OF TEXAS S S COUNTY OF Dallas S | | |
| BEFORE ME, the undersigned authority, on this day, personally appeared STEPHEN R. NELSON, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed. | | |
| GIVEN UNDER MY HAND and seal of office this// day of, 2002. | | |
| Cheryl Ann Fults NOTARY PUBLIC IN AND FOR THE | | |

October 3, 2004

STATE OF TEXAS

My Commission Expires:

October 3, 2004

ASSIGNMENT - Page 4

RECORDED: 01/31/2002

Dallas2 856852 v 1, 49598.00005