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Please 101421171

... or copy thereof.

1. Name of Party(ies) conveying an interest:  
  
Henry G. Kosmahl  
  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and Address of Party(ies) receiving an interest:  
  
Name: AmpWaveTech, LLC  
Internal Address:  
Street Address: 30047 Persimmon Drive  
City: Cleveland  
State/Zip: Ohio 44145  
  
Additional name(s) and addresses attached?  
 Yes  No

3. Description of the interest conveyed:  
 Assignment  Change of Name Other:  
 Security Agreement  Merger  
  
Execution Date: July 5, 2000

4. Application number(s) or patent number(s). Additional sheet attached?  Yes  No  
  
If this document is being filed together with a new application, the execution date of the application is:  
July 7, 2000  
Date  
  
A. Patent Application No.(s) B. Patent No.(s)  
  
09612035  
  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: one  
  
7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to Deposit Account No. 23-1925  
  
8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.  
  
David W. Okey  
Name of Person Signing  
  
  
Signature  
  
July 7, 2000  
Date

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

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PATENT  
REEL: 010956 FRAME: 0360

U.S. PATENT & TRADEMARK OFFICE  
09/16/2000  
07/07/00

**ASSIGNMENT**

WHEREAS, Henry G. Kosmahl, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled Tapered Traveling Wave Tube, executed by Assignor on the same date of this Assignment;

WHEREAS, AmpWaveTech, LLC, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 30047 Persimmon Drive, Cleveland, OH 44145, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention,

or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED: 05-07-2000 Henry G. Kosmahl  
Henry G. Kosmahl

STATE OF OHIO )  
COUNTY OF CUYAHOGA ) ss.

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that Henry G. Kosmahl, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 5th day of July, 2000.

Mary M. Nieberding  
Notary Public

(SEAL)

My Commission Expires:

**MARY M. NIEBERDING**  
NOTARY PUBLIC, STATE OF OHIO  
Recorded in Cuyahoga County  
My Comm Expires Feb 27 2002

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