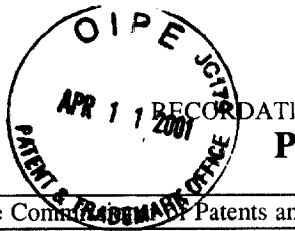


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04-20-2001



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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): Earl Hennenhofer, Richard V. Snyder and Robert D. Stine  Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies):  Z-Band, Inc. 453 Lincoln Street Carlisle, PA 17013  A Pennsylvania corporation  Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____  Execution Date: <u>April 6, 2001 (respectively)</u>	

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 _____	
A. Patent Application No.(s)  09/749,258  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:  Louis M. Heidelberger, Esq. Reed Smith LLP 2500 One Liberty Place 1650 Market Street Philadelphia, PA 19103	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u>  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Please charge the \$40.00 recordation fee to Deposit Account No. 18-0586
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Attorney Docket No. 00-40387-US (242239-20001)

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9. *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.*

<u>THOMAS J. MCWILLIAMS</u> Name of Person Signing	 Signature	<u>April 11, 2001</u> Date
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Total number of pages including cover sheet, attachments, and document: 4

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( 04/16/2001 JADD01 00000033 180586 09749258 )  
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PATENT  
REEL: 011689 FRAME: 0891

## ASSIGNMENT

WHEREAS, we, the undersigned inventors, whose post office addresses are set forth below, have invented and own a certain invention entitled:

AN INTELLIGENT DEVICE SYSTEM AND METHOD FOR DISTRIBUTION OF DIGITAL SIGNALS ON A WIDEBAND SIGNAL DISTRIBUTION SYSTEM

the specification of which was filed on December 27, 2000 as Serial No. 09/749,258.

WHEREAS, Z-Band, Inc., a Pennsylvania Corporation having a place of business at Murata Business Center, 453 Lincoln Street, Carlisle, PA 17013 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, I hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

I HEREBY COVENANT that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

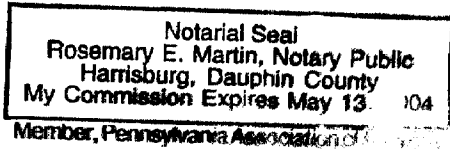
I FURTHER COVENANT that ASSIGNEE will, upon its request and at its expense, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and I will, at the expense of ASSIGNEE, testify as to the same in any interference or litigation related thereto and I will promptly, at the expense of ASSIGNEE, execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 6 day of APRIL, 2001.

Signature: Earl Hennenhoefler  
Name Printed: Earl Hennenhoefler  
Post Office Address: 2441 East Bayberry Drive  
Harrisburg, PA 17112  
Citizenship: United States of America

STATE OF Pennsylvania )  
) ss.  
COUNTY OF Dauphin )

BE IT KNOWN, that on this 6<sup>th</sup> day of April, 2001, before me personally came Earl Hennenhoefler to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned..



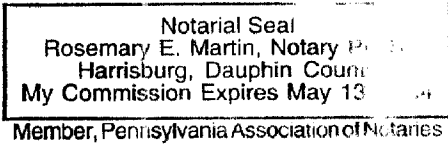
Rosemary E. Martin  
Notary Public

IN WITNESS WHEREOF, I have hereunto set hand and seal this 6<sup>th</sup> day of April, 2001.

Signature: Richard V. Snyder  
Name Printed: Richard V. Snyder  
Post Office Address: 3011 Green Street  
Harrisburg, PA 17110  
Citizenship: United States of America

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Dauphin )

BE IT KNOWN, that on this 6th day of April, 2001, before me personally came Richard V. Snyder to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned..



Rosemary E. Martin  
Notary Public

IN WITNESS WHEREOF, I have hereunto set hand and seal this 6th day of April, 2001.

Signature:

Robert D. Stine

Name Printed:

Robert D. Stine

Post Office Address:

7 Glencarron Court  
Dillsburg, PA 17019

Citizenship:

United States of America

STATE OF Pennsylvania )  
 ) ss.  
COUNTY OF Dauphin )

BE IT KNOWN, that on this 6th day of April, 2001, before me personally came Robert D. Stine to me known to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned..

Rosemary E. Martin  
Notary Public

