



101785419

To the Honorable Commissioner of Patent and Trademark Office are attached original documents or copy thereof.

1. Name of conveying party(ies):

Eilon RIESS
Laurence TURNER
Les SABEL
Stuart SCHWARTZ



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

Name: Verticalband, Limited
Street Address: 16 St. Martin's Le Grand
London, EC1A 4NA
United Kingdom

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

7-16-4

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

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

Execution Date: July 4, 2001 and July 9, 2001

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)

B. Patent No.(s)

09/836,281

Additional numbers attached: Yes No

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

Robert L. Hails, Jr.
Kenyon & Kenyon
Suite 700
1500 K Street, N.W.
Washington, DC 20005-1257

6. Total number of applications and patents involved:

1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

11-0600

(Attach duplicate copy of this page if paying by deposit account)

07/29/2001 HANNED 00000189 110600 09836281
01 FC:581 40.00 CH

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.

Robert L. Hails, Jr. (Reg. No.39,702)
Name of Person Signing

Signature

July 16, 2001
Date

Total number of pages including cover sheet: 3

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to Verticalband, Limited, of London, U.K., having a principal place of business at 16, St. Martin's Le Grand, London, EC1 4NA, U.K. ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the United States Patent Application entitled:

**RELIABLE SYMBOLS AS A MEANS OF IMPROVING THE PERFORMANCE OF INFORMATION
TRANSMISSION SYSTEMS**

filed April 18, 2001 and having Serial No. 09/836,281, and in and to said United States Patent Application and all divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said improvements; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said improvements 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 other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said 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.

Date: _____, 2001

Eilon RIESS

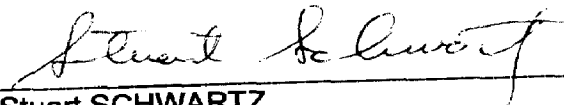
Date: _____, 2001

Laurence TURNER

Date: _____, 2001

Les SABEL

Date: July 9, 2001



Stuart SCHWARTZ

Assignment Document Return Address:
Robert L. Hails, Jr. Esq.
KENYON & KENYON Suite 700
1500 K Street, N.W.
Washington, D.C. 20005

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby sell, assign, and transfer to Verticalband, Limited, of London, U.K., having a principal place of business at 16, St. Martin's Le Grand, London, EC1 4NA, U.K. ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the United States Patent Application entitled:

RELIABLE SYMBOLS AS A MEANS OF IMPROVING THE PERFORMANCE OF INFORMATION TRANSMISSION SYSTEMS

filed April 18, 2001 and having Serial No. 09/836,281, and in and to said United States Patent Application and all divisional, continuing, substitute, renewal, reissue, and other patent applications that have been or shall be filed in the United States or any foreign country on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States or any foreign country on said improvements; and in and to all rights of priority resulting from the filing of said United States Patent Application;

agree that said Assignee may apply for and receive a patent or patents for said improvements 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 other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said 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.

Date: ^{K.L.} 4/07/, 2001

Eilon RIESS
Eilon RIESS

Date: 4th July, 2001

Laurence TURNER
Laurence TURNER

Date: 4/7/, 2001

Les SABEL
Les SABEL

Date: _____, 2001

Stuart SCHWARTZ

Assignment Document Return Address:
Robert L. Hails, Jr. Esq.
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Washington, D.C. 20005