



10-17-2002

U.S. DEPARTMENT OF COMMERCE



TR SHEET

Patent and Trademark Office  
Docket No. 509622001000

102251880

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 10-8102

Terry M. TURPIN                      Bruce D. NICHOLS  
 Craig H. PRICE                        James L. LAFUSE  
 Fred F. FROELICH                    Keith R. FRAMPTON

Individual(s)                       Association  
 General Partnership             Limited Partnership  
 Corporation-State                Other

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

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

Name:                      Essex Corporation  
 Internal Address:  
 Street Address:    9150 Guilford Road  
 City, State, ZIP:   Columbia, Maryland 21046  
 Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment                                       Merger  
 Security Agreement                         Change of Name  
 Other:

Execution Date: Sept. 24, 23, 26, 27, 25, 27, 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:

A. Patent Application No.(s)                                      B. Patent No.(s)  
 10/199,495

~~Additional numbers attached?~~  Yes  No

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

Alex Chartove  
 Morrison & Foerster LLP  
 1650 Tysons Boulevard - Suite 300  
 McLean, Virginia 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00  
 Enclosed  
 Authorized to be charged to deposit account, referencing Attorney Docket 509622001000

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

**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.

Name: Alex Chartove                                      Alex Chartove                                      10/8/02  
 Registration No: 31,942                                      Signature    Date

Total number of pages comprising cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

U.S. Patent and Trademark Office  
 Office of Public Records  
 Box Assignments  
 Crystal Gateway 4, Room 335  
 Washington, D.C. 20231

10/15/2002 DBYRNE 00000274 031952 10199495  
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va-13287

**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by Terry M. TURPIN, Craig H. PRICE, Fred F. FROELICH, Bruce D. NICHOLS, James L. LAFUSE and Keith R. FRAMPTON (hereinafter referred to as the assignors), residing at Columbia, Maryland; Ellicott City, Maryland; Baltimore, Maryland; Columbia, Maryland; Columbia, Maryland and Sykesville, Maryland, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in METHOD AND APPARATUS FOR OPTICAL SIGNAL PROCESSING USING AN OPTICAL TAPPED DELAY LINE, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/199,495 and filed on July 22, 2002; and

WHEREAS, Essex Corporation, a corporation duly organized under and pursuant to the laws of Virginia and having its principal place of business at 9150 Guilford Road, Columbia, Maryland 21046 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

9/24/02

Date

Terry M. TURPIN

Subscribed and sworn to before me at Columbia Maryland, this 27<sup>th</sup> day of September, 2002.

Notary Public  
(SEAL)

*James E. Polaris*  
Notary Public, MD  
Columbia, Maryland 21046

Date

9/23/02

Craig H. PRICE

Subscribed and sworn to before me at Columbia, Maryland, this 21<sup>st</sup> day of Sept., 2002.

Notary Public  
(SEAL)

*James E. Polaris*  
Notary Public, MD  
Columbia, Maryland 21046

Date

9/26/02

Fred F. FROELICH

Subscribed and sworn to before me at Columbia Maryland, this 26<sup>th</sup> day of sept., 2002.

Notary Public  
(SEAL)

*James E. Polaris*  
Notary Public, MD  
Columbia, Maryland 21046

Date

9/27/02

Bruce D. NICHOLS

Subscribed and sworn to before me at Columbia, Maryland, this 27<sup>th</sup> day of Sept., 2002.

Notary Public  
(SEAL)

*James E. Polaris*  
Notary Public, MD  
Columbia, Maryland 21046

Sept 25, 2002  
Date

James L. Lafuse  
James L. LAFUSE

Subscribed and sworn to before me at Columbia, Maryland, this  
25<sup>th</sup> day of Sept, 2002.

Scott E. Roberts  
Notary Public  
(SEAL)  
*Scott E. Roberts*  
*Notary Public*

27 Sept 2002  
Date

Keith R. Frampton  
Keith R. FRAMPTON

Subscribed and sworn to before me at Columbia, Maryland, this  
27<sup>th</sup> day of Sept, 2002.

Scott E. Roberts  
Notary Public  
(SEAL)  
*Scott E. Roberts*  
*Notary Public*