

04-30-1999



RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101025996

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

1. Name of conveying party(ies):
Phillip George Skeba
Dale Brian Halling
Nelson Leon Ledbetter
Edward R. Folds
Thomas J. J. Starr

2. Name and address of receiving part(ies)
Name: Ameritech Corporation
Internal Address: Bruce Stuckman - 4H80
Legal Department
Street Address: 2000 W. Ameritech Center Dr
City: Hoffman Estates
State Illinois ZIP 60196-1025

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: 4/15/99; 4/16/99; 4/15/99; 4/15/99 and 4/15/99

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

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)
09/251,097 Filed February 16, 1999

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Bruce E. Stuckman
Internal Address: 4H80
Legal Department
Ameritech Corporation
Street Address 2000 W. Ameritech Center Drive
City: Hoffman Estates State: IL ZIP 60196-1025

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:
50-0467

04/30/1999 DNGUYEN 00000054 500467 09251097

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.

Bruce E. Stuckman
Name of Person Signing

Signature

4/21/99
Date

Total number of pages including cover sheet, attachments, and document: 9

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

ASSIGNMENT

WHEREAS, Phillip George Skeba, Dale Brian Halling, Nelson Leon Ledbetter, Edward R. Folds and Thomas J. J. Starr, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "Multiple Channel System for a Twisted Pair Telephone Wire Local Loop System", Attorney Docket No. AMT-9804, (Ameritech File No. A00482) for a full description of which reference is here made to an application for Letters Patent of the United States filed on February 16, 1999 and assigned Application Serial No. 09/251,097;

WHEREAS, AMERITECH CORPORATION, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 2000 West Ameritech Center Drive, Hoffman Estates, Illinois 60196-1025, 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 Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do 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 and terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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 Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

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

IN TESTIMONY WHEREOF, the Assignors have executed this Agreement.

Phillip George Skeba

Phillip George Skeba

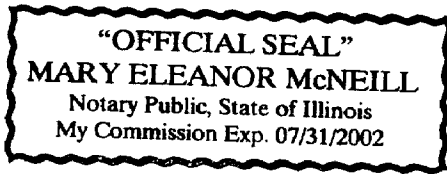
State of Illinois)

) ss.

County of Cook)

Before me, the undersigned authority, on this 15th day of April, 1999, personally appeared Phillip George Skeba 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 freewill for the purpose and consideration therein expressed.

Mary Eleanor McNeill
Notary Public



[SEAL]

Dale Brian Halling

State of _____)

) ss.

County of _____)

Before me, the undersigned authority, on this ____ day of _____, 1999, personally appeared Dale Brian Halling 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 freewill for the purpose and consideration therein expressed.

Notary Public

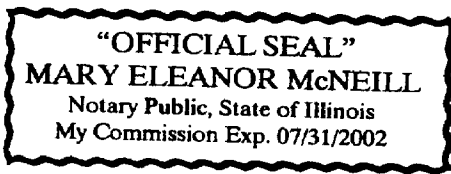
[SEAL]

Nelson L. Ledbetter
Nelson Leon Ledbetter

State of Illinois)
County of Cook) ss.

Before me, the undersigned authority, on this 15th day of APRIL, 1999, personally appeared Nelson Leon Ledbetter 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 freewill for the purpose and consideration therein expressed.

Mary Eleanor McNeill
Notary Public



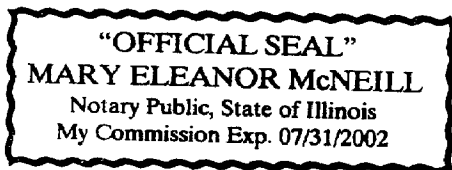
[SEAL]

Edward R. Folds
Edward R. Folds

State of Illinois)
County of Cook) ss.

Before me, the undersigned authority, on this 15th day of APRIL, 1999, personally appeared Edward R. Folds 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 freewill for the purpose and consideration therein expressed.

Mary Eleanor McNeill
Notary Public



[SEAL]

Thomas J. J. Starr

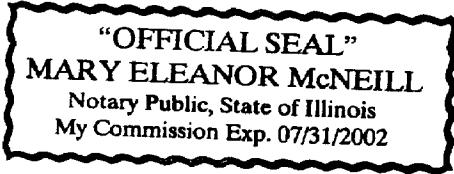
Thomas J. J. Starr

State of Illinois)

County of Cook) ss.

Before me, the undersigned authority, on this 15th day of April, 1999, personally appeared Thomas J. J. Starr 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 freewill for the purpose and consideration therein expressed.

Mary Eleanor McNeill
Notary Public



[SEAL

ASSIGNMENT

WHEREAS, Phillip George Skeba, Dale Brian Halling, Nelson Leon Ledbetter, Edward R. Folds and Thomas J. J. Starr, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "Multiple Channel System for a Twisted Pair Telephone Wire Local Loop System", Attorney Docket No. AMT-9804, (Ameritech File No. A00482) for a full description of which reference is here made to an application for Letters Patent of the United States filed on February 16, 1999 and assigned Application Serial No. 09/251,097;

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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 Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do 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 and terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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 Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

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

IN TESTIMONY WHEREOF, the Assignors have executed this Agreement.

Phillip George Skeba

State of _____)
) ss.
County of _____)

Before me, the undersigned authority, on this ____ day of _____, 1999, personally appeared Phillip George Skeba 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 freewill for the purpose and consideration therein expressed.

Notary Public

[SEAL]

Dale B. Halling

Dale Brian Halling

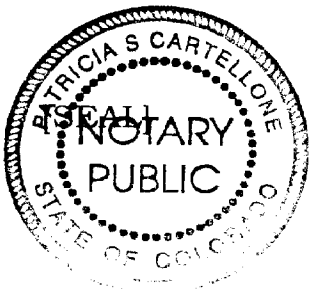
State of Colorado)
) ss.
County of El Paso)

Before me, the undersigned authority, on this 16th day of April, 1999, personally appeared Dale Brian Halling 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 freewill for the purpose and consideration therein expressed.

Patricia S. Cartellone

Notary Public

My Commission Expires 12-16-2000



Nelson Leon Ledbetter

State of _____)

) ss.

County of _____)

Before me, the undersigned authority, on this ____ day of _____, 1999, personally appeared Nelson Leon Ledbetter 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 freewill for the purpose and consideration therein expressed.

Notary Public

[SEAL]

Edward R. Folds

State of _____)

) ss.

County of _____)

Before me, the undersigned authority, on this ____ day of _____, 1999, personally appeared Edward R. Folds 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 freewill for the purpose and consideration therein expressed.

Notary Public

[SEAL]

 Thomas J. J. Starr

State of _____)

) ss.

County of _____)

Before me, the undersigned authority, on this ____ day of _____, 1999, personally appeared Thomas J. J. Starr 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 freewill for the purpose and consideration therein expressed.

 Notary Public

[SEAL