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FORM PTO-1595

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HEET

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Patent &amp; Trademark Office

102078725

To the Honorable Commissioner of Patents &amp;

The attached original documents or copy thereof.

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

James M. GLASS, III

Name: ADTRAN, INC.

Paul G. MCELROY

Address: 901 EXPLORER BLVD

Michael T. LATTANZI

HUNTSVILLE, AL 35806

Charles R. REHAGE

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

3. Nature of Conveyance:

(X) Assignment

( ) Merger

( ) Security Agreement

( ) Change of Name

( ) Other

Execution Date: 7/29/1996

Additional name(s) and address(s) attached ( ) Yes (X) 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: 05/16/1996

A. Patent application No.(s)

B. Patent No.(s)

Additional numbers attached? ( ) Yes (X) No

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

6. Total number of applications and patents involved: [ 1 ]

Name: Charles E. Wands, Esq.

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

Internal Address: Allen, Dyer,

[ ] Enclosed

Doppelt, Milbrath &amp; Gilchrist, P.A.

[X] Authorized to be charged to Deposit account.

Street Address: 1901 S. Harbor City Blvd.

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8. Deposit Account Number:

City: Melbourne

01-0484

State: Florida Zip: 32901

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

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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.

Charles E. Wands

Name of Person Signing

Signature

April 24, 2002

Date

Total number of pages including cover sheet, attachments and document: [ 3 ]

PATENT

REEL: 12849 FRAME: 0712

**ASSIGNMENT OF PATENT RIGHTS**  
(For United States and All Foreign Countries)

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as below named inventor(s), I/we hereby sell and assign to ADTRAN, INC. (hereinafter "**ASSIGNEE**") its successors and assigns or other legal representatives, all of my/our right, title and interest, in and for the United States of America, in and to said invention entitled: ISDN TERMINAL EQUIPMENT-RESIDENT MECHANISM FOR DETERMINING SERVICE PROFILE IDENTIFIERS AND ASSOCIATED TELECOMMUNICATION SWITCH PROTOCOL invented by me/us and described in this application for United States Letters Patent therefor, executed by me/us on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations, and extensions thereof, as well as any patents which may be applied for in any other countries, the said interest being all of the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said **ASSIGNEE**, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

And I/we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application and any corresponding foreign applications or international applications that may be filed, or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, revived or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said **ASSIGNEE**.

And I/we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said **ASSIGNEE**.

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7-29-96

Date

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Signature

I hereby certify that this document is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. Section 1.10 and addressed to the Hon. Commissioner of Patents and Trademarks, Washington, D.C. 20231.  
Date: 9/3/97 By: V. Wiles  
Express Mail No.: EF122620233US

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