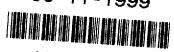
FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02

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4. Application number(s) or registration numbers(s):			
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of application	6. Total number of applications and patents involved:	
Name: LAW OFFICE OF CHARLES E. WANDS	7. Total fee (37 CFR 3.41):	7. Total fee (37 CFR 3.41):\$ 40.00	
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PATENT

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(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: SELF-CONFIGURING UNIVERSAL COMMUNICATION DEVICE INTERFACING COMMUNICATION SIGNALS HAVING DIFFERENT PROPERTIES WITH REPEATERLESS TWO-WIRE TELEPHONE LINK invented by me/us described in this application for United States Letters Patent therefor, executed by me/us on even date herewith, and all United States Letters Patents 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.

INVENTOR:

Citizenship:

Post Office Address:

Residence:

JAMES M. GLASS III

U.S.

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5725 Jones Valley Drive Huntsville, Alabama 5725 Jones Valley Drive Huntsville, Alabama

> James M Glass 11 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 Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

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PATENT REEL: 010004 FRAME: 0876 INVENTOR:
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INVENTOR:
Citizenship:
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Bruce E. Mitchell U.S. 823 Crestview Drive Madison, Alabama 35758 823 Crestview Drive Madison, Alabama 35758

Brue Edward Mitchell
Signature

Paul Graves McElroy U.S. 1003 Riviera Avenue SE Huntsville, Alabama 35802 1003 Riviera Avenue SE Huntsville, Alabama 35802

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