



Advanced Transmission Technologies

8545 126th Avenue N.  
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Mailstop LG230  
Largo, FL 34649  
813-530-8140

*TKA305*  
*P.P.*

December 15, 1992

ANSI  
5430 Grossvenor Lane  
Suite 200  
Bethesda, MD 20814-2130

**RECEIVED**

DEC 29 1992

**ECSA**

The attached letter was originally signed on November 24, 1992. Due to the incorrect address given the letter was returned. I've corrected the signature date on the letter.

If you have any questions, please call me at 813-530-8140.

Sincerely,

Vickie P. Drebing

*Patent letter*  
*re: T1E1 doc.*

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**STUDY PROJECT:** Asymmetric Digital Subscriber Line (ADSL)

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**TITLE:** AT&T Patent Letter to ANSI

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**ISSUES ADDRESSED:** Patents Applicable to ADSL Standard

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**SOURCE:** AT&T Paradyne  
D. Kelly  
M.Sorbara

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**CONTACTS:** Ed Polansky - Tel.: (980) 234-3761 - Fax (908) 234-8681  
Robert Faw - Tel.: (813) 530-2422 - Fax (813) 530-8557

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**DATE:** December 1, 1992

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**DISTRIBUTION TO:** T1E1.4 Technical Subcommittee Working Group Members

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**NOTICE**

This contribution has been prepared to assist Standards Committee T1-Telecommunications. This document is offered to the committee as a basis for discussion and is not a binding proposal. The requirements are subject to change in form and numerical value after more study. Specifically, the right to add to, or amend, the statements contained herein are reserved.



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December 14, 1992

American National Standards Institute  
5430 Grossvenor Lane  
Suite 200  
Bethesda, MD 20814-2130

*7/1/83 305*

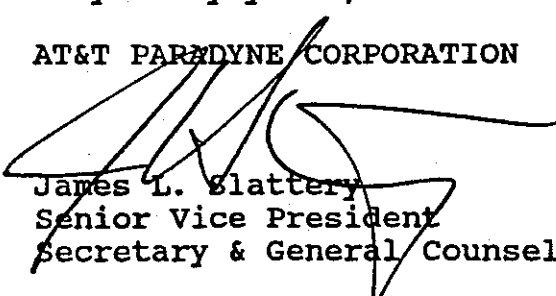
To Whom It May Concern

Re: Patent Statement to ANSI for ADSL Standardization

In compliance with the ANSI patent policy, AT&T will license its patents that are applicable to the implementation of an ADSL standard as it relates to the use of Carrierless AM/PM (CAP) or Quadrature Amplitude Modulation (QAM) technologies. Such license will be made under reasonable terms and conditions that are demonstrably free of unfair discrimination.

Very truly yours,

AT&T PARADYNE CORPORATION

  
James L. Blattery  
Senior Vice President  
Secretary & General Counsel

JLS/dg

cc: E. Polansky  
J. Crupi  
R. Faw  
G. Malek  
J. J. Werner



TRANSMISSION SYSTEMS  
2100 Reliance Parkway  
Bedford, TX 76021  
817-267-3141

February 18, 1993

American National Standards Institute  
1430 Broadway  
New York, New York  
10018

To Whom It May Concern

RE: Patent Statement to ANSI for ADSL Standardization

In compliance with the ANSI patent policy, Reliance Comm/Tec will license its Technology that is essential to the implementation of an ADSL standard as it relates to the use of Quadrature Amplitude Modulation (QAM) technologies. Such license will be made under reasonable terms and conditions that are demonstrably free of unfair discrimination.

Very Truly Yours,

Walt Miller  
Vice President

CC: Bill Chen  
T1 Secretariat  
George Stiglich  
Terry Vance

Alvin Lai

*716b 305 (9)  
(S. Proj. Proposal)  
ANSI 1.4/3-1993*

# SIEMENS

Alliance for Telecommunications Industry Solutions  
 Att.: Ms. Susan Carioti  
 Director, T1 Disciplines  
 1200 G Street, NW, Suite 500  
 Washington, DC 20005  
 USA

Name Martin Köppl  
 Department ZT PA 6  
 Telephone (089) 636 - 84518  
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Your Ref.  
 Our Ref. ADSL  
 Kpl/Lut  
 Date 26. Jan. 98

Via Telefax at 001 202 347 7125

## Membership to Accredited Standards Committee T1 Patent Statements to ANSI Standard T1.413-1995

Dear Ms. Carioti,

I am a representative of the patent department of Siemens AG in Munich, Germany. Mrs. Anne Caldas, Director of Procedures & Standards Administration at ANSI forwarded to me your address noting that the Alliance for Telecommunications Industry Solutions is the secretariat for Accredited Standards Committee T1.

ANSI has promulgated the above captioned standard relating to a particular ADSL technology. Part of the process for the approval of an ANSI standard is to conform with the ANSI Patent Policy. Within these proceedings, a statement from each patent holder is requested and thereafter placed and retained in the files of ANSI.

Siemens is evaluating the possibilities of manufacturing products complying with the above captioned standard. It is therefore essential to know the identity of patent holders who made statements of the aforementioned type with respect to ANSI T1.413-1995.

### Corporate Technology

Intellectual Property and Corporate Functions

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 Dr. Horst Flecher

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# SIEMENS

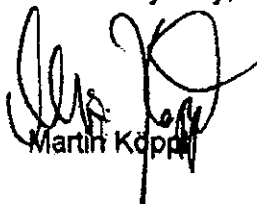
Sheet 2 Letter of 26. Jan. 98  
Alliance for Telecommunications  
Industry Solutions

Mrs. Caldas informed me about the status of the files at ANSI. According to the ANSI files, it has been only Amati having filed any such patent statement. At this point, we need to know who else (apart from Amati) was member of the standardization committee and thus was obliged to file a patent statement (such as Amati did) if that member held any relevant patent or patent application (confer the guidelines section 1.2.11.2 of ANSI for filing patent statements).

May we therefore ask you to provide us with the names of all other members and to verify that each of these other members indeed did not file any patent statement in the proceedings for ANSI standard T1.413-1995. We would appreciate receiving your response via facsimile at +49 89 636 81846.

We thank you very much for your support in this matter.

Yours very truly,



Martin Köppel