FORM PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

11-19-2002

R SHEET

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

11-19-02

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lease record the attached original documents or copy thereof.
2. Name and address of receiving party(ies):
Name: Morgan Guaranty Trust Company of New York, as Administrative Agent
Internal Address:
Street Address: 60 Wall Street
City: New York State: NY ZIP: 10260 Additional name(s) & addresses attached? □ Yes ⋈ No
ecution date of the application is: B. Patent No.(s)
2. Talest 116.(3)
hed? □ Yes ☒ No
6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41):
8. Deposit account number:
THIS SPACE
Signature ttachments, and documents: 8

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

Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

01 FC:8021 40.00 DP ASSUMPTION AGREEMENT, dated as of November 8, 1999, made by APPLIED DIGITAL ACCESS, INC., a Delaware corporation (the "Additional Granting Party"), in favor of MORGAN GUARANTY TRUST COMPANY OF NEW YORK, as administrative agent (in such capacity, the "Administrative Agent") for the banks and other financial institutions (the "Lenders") from time to time parties to the Credit Agreement referred to below and the other Secured Parties (as defined below). All capitalized terms not defined herein shall have the meaning ascribed to them in the Guarantee and Collateral Agreement referred to below, or if not defined therein, in the Credit Agreement.

WITNESSETH:

WHEREAS, Dynatech Corporation, a Delaware corporation ("Dynatech"), Dynatech LLC (formerly known as Telecommunications Techniques Co., LLC), a Delaware limited liability company (the "Borrower"), the Lenders and the Administrative Agent are parties to a Credit Agreement, dated as of May 21, 1998 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, in connection with the Credit Agreement, Dynatech, the Borrower and certain of its Subsidiaries are, or are to become, parties to the Guarantee and Collateral Agreement, dated as of May 21, 1998 (as amended, supplemented or otherwise modified from time to time, the "Guarantee and Collateral Agreement") in favor of the Administrative Agent, for the ratable benefit of the Secured Parties (as defined in the Guarantee and Collateral Agreement);

WHEREAS, the Additional Grantor is a member of an affiliated group of companies that includes the Borrower and each other Granting Party to the Guarantee and Collateral Agreement; the proceeds of the extensions of credit under the Credit Agreement will be used in part to enable the Borrower to make valuable transfers to one or more of the other Granting Parties (including the Additional Grantor) in connection with the operation of their respective businesses; and the Borrower and the other Granting Parties (including the Additional Grantor) are engaged in related businesses, and each such Granting Party (including the Additional Grantor) will derive substantial direct and indirect benefit from the making of the extensions of credit under the Credit Agreement;

WHEREAS, the Credit Agreement requires the Additional Granting Party to become a party to the Guarantee and Collateral Agreement; and

WHEREAS, the Additional Granting Party has agreed to execute and deliver this Assumption Agreement in order to become a party to the Guarantee and Collateral Agreement;

NOW, THEREFORE, IT IS AGREED:

065535-2004-22774-99B1M6AS-OTH

- 1. Guarantee and Collateral Agreement. By executing and delivering this Assumption Agreement, the Additional Granting Party, as provided in Section 8.15 of the Guarantee and Collateral Agreement, hereby becomes a party to the Guarantee and Collateral Agreement as a Granting Party thereunder with the same force and effect as if originally named therein as a Guarantor and Grantor and, without limiting the generality of the foregoing, hereby expressly assumes all obligations and liabilities of a Guarantor and Grantor thereunder. The information set forth in Annex 1-A hereto is hereby added to the information set forth in Schedules 1, 3, 4, 5, 7 and 9 to the Guarantee and Collateral Agreement, and such Schedules are hereby amended and modified to include such information. The Additional Granting Party hereby represents and warrants that each of the representations and warranties of such Additional Grantor, in its capacities as a Guarantor and Grantor contained in Section 4 of the Guarantee and Collateral Agreement is true and correct in all material respects on and as the date hereof (after giving effect to this Assumption Agreement) as if made on and as of such date.
- 2. GOVERNING LAW. THIS ASSUMPTION AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK WITHOUT GIVING EFFECT TO ITS PRINCIPLES OR RULES OF CONFLICT OF LAWS TO THE EXTENT SUCH PRINCIPLES OR RULES WOULD REQUIRE THE APPLICATION OF THE LAWS OF ANOTHER JURISDICTION.

IN WITNESS WHEREOF, the undersigned has caused this Assumption Agreement to be duly executed and delivered as of the date first above written.

APPLIED DIGITAL ACCESS, INC.

By:

Name: Mark V.B. Tremallo Title: Assistant Secretary

Acknowledged and Agreed to as of the date hereof by:

MORGAN GUARANTY TRUST COMPANY OF NEW YORK, as Administrative Agent

By:

Name: LEEN B. GALLE
Title: VICE PRESIDENT

Schedule 1 Notice Address of the Guarantor

Applied Digital Access, Inc. 9855 Scranton Road, San Diego, CA 92121

Schedule 3

Location of Jurisdiction of Organization and Chief Executive Office or Sole Place of Business

Entity Jurisdiction of Organization Chief Executive Office or

Sole Place of Business

Applied Digital Access, Inc. Delaware 9855 Scranton Road, San Diego

CA 92121

Schedule 4

Location of Inventory and Equipment

Entity Location of Inventory and Equipment

Applied Digital Access, Inc. 9855 Scranton Road, San Diego, CA 92121

Schedule 7 Accounts

Entity Location of Records Concerning Accounts

Applied Digital Access, Inc. 9855 Scranton Road, San Diego, CA 92121

Schedule 9 Filings

Entity Filing Locations

Applied Digital Access, Inc. Secretary of State of Delaware

Secretary of State of California

SCHEDULE 5

PATENTS ISSUED

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		PATENT NO. AND	SERIAL NO. AND	
TITLE	INVENTOR(S)	ISSUE DATE	APPLICATION DATE	
Alarm Correlation System for a Telephone	Hartmann, Tyburski	5,495,470	93/157,899	
Network; System for Correlating				
Performance Monitoring/Testing Data of a Channel		02/27/96	11/23/93	
Relative Synchronization System for a	Engdahl, Hartmann,	5,500,853	93/157,900	
Telephone Network	Tyburski			
. !	:	03/19/96	11/23/93	
Packetized Remote Test System for a	Bronte, Hartmann,	5,553,056	94/330,214	
Telephone Network	Lever, Pope			
		96/03/60	10/24/94	
Frame Synchronization in a Performance	Cadieux, Hartmann	5,557,616	95/450,494	
Monitoring and Test System				
		96/11/60	05/26/95	
Adaptive DS-1 Frame Format Conversion	Behr, Ellebracht,	5,566,161	94/372,819	
Device for Remotely Monitoring and	Hartmann, Hecker,			
Testing the Performance of Telephone	Wissing, Wright,	10/15/96	12/23/94	
Circuits	Young			
Digital Signal comparison Circuit in a	Cadieux, Hartmann,	5,581,228	95/451,170	
Performance Monitoring and Test System;	Pope			
in a Telephone Network		12/03/96	05/26/95	
Protect Path Switching in a Performance	Cadieux, Engdahl,	5,602,828	95/451,686	
Monitoring and Test System	Hartmann, Pope			
		02/11/97	05/26/95	

	Bronte, Hartmann,	5,621,720	96/601,264
Method	Lever, Pope		
		04/15/97	02/14/96
System and Method for Accessing	Cadieux, Engdahl,	5,623,480	95/451,676
Embedded Channels	Hartmann, Pope		
		04/22/97	05/26/95
Performance Monitoring and Test System	Cadieux, Engdahl,	5,691,976	93/118,443
for a Telephone Network	Hartmann, Pope		
		11/25/97	09/07/93
Facilities Data Link Handler in a	Hartmann, Pope	5,703,871	95/451,172
Performance Monitoring and Test System			
		12/30/97	05/26/95
Method and Apparatus for Determining the	Ellebracht,	5,757,776	96/720,567
Origin of an Alarm Indication Signal	Hartmann, Hecker,		
	Pope, Wright	05/26/98	96/30/60
Method and Apparatus for Adopting	Ellebracht,	5,774,456	96/723,096
Performance Report Messages in a	Hartmann, Hecker,		
Telecommunications System	Pope, Wright	86/08/90	96/30/60
Method and Apparatus for Determining	Ellebracht,	5,790,531	96/723,097
Origin of a Remote Alarm Indication	Hartmann, Hecker,		
Signal	Pope, Wright	08/04/98	96/02/60
Delay Adjustment Circuit in a	Cadieux, Hartmann,	5,875,217	95/452,347
Performance Monitoring and Test System	Pope		
		02/23/99	05/26/97
Performance Monitoring and Test System	Cadieux, Engdahl,	5,956,324	97/960,775
for a Telephone Network	Hartmann, Pope		
		09/21/99	10/30/97

PATENT APPLICATIONS PENDING

		SERIAL NO. AND
TITLE	INVENTOR(S)	APPLICATION DATE
Method and Apparatus for Analyzing Events in a	Nelson, Hartmann, Tyburski	96/713,027
Telecommunication System		09/12/96
Method and Apparatus for Storing and Retrieving	Pope, Wright, Strich, Hartmann,	96/723,654
Performance Data Collected By a Network Interface	Ellebracht, Ramsayer	08/273,654 (22)
Unit		12/24/96
Firewall Performance Monitoring and Limited	Allred, Nelson, Milliman	08/721,184
Access System		
		09/21/96
System and Method of Analyzing Network Protocols	Gregson	08/188,923
		11/09/98
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PATENT
RECORDED: 11/19/2002 REEL: 013485 FRAME: 0099