

12-01-1998



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IEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Ascom Timplex Trading A.G.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: June 9, 1997

2. Name and address of receiving party(ies)

Name: Fujitsu Network Communications, Inc.

Internal Address: _____

Street Address: 2801 Telecom ParkwayCity: Richardson State: TX Zip: 75082Additional name(s) & 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)

08/854,231

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Weingarten, Schurgin, Gagnebin & Hayes LLP
Ten Post Office Square
Boston, Massachusetts 02109

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: _____

(Attach duplicate copy of this page if paying by deposit account)

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.

Attorney name: Victor B. Lebovici
Registration No. 30,864

Signature

Date

Total number of pages including cover sheet, attachments, and document: [15]

ASSIGNMENT OF PATENTS

This Assignment of Patents is by and between Ascom Timeplex Trading A.G., a corporation organized under the laws of Switzerland ("Swissco") and Fujitsu Network Communications, Inc., a California corporation ("FNC"):

WHEREAS, Swissco has certain rights in and to certain Patents and Applications (collectively, the "Patents") as set forth in Exhibit A; and

WHEREAS, pursuant to that certain Amended And Restated Asset Purchase Agreement (the "Agreement") dated as of April 15, 1997, by and among Nexion, Swissco (Swissco, together with Nexion, "Sellers"), Ascom Enterprise Networks, Inc., a Delaware corporation and the parent corporation of Nexion ("AEN"), Ascom Holding A.G., a corporation organized under the laws of Switzerland and the ultimate parent corporation of Nexion and Swissco ("Ascom"), Fujitsu Nexion, Inc., a California corporation, and formerly known as "Nexion Acquisition, Inc." ("FNX"), and Fujitsu Network Communications, Inc. a California corporation and parent corporation of FNX ("FNC" and, together with FNX, "Buyers"), Swissco has agreed to GRANT, SELL, ASSIGN, TRANSFER and CONVEY to FNC all right, title and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration pursuant to the Agreement, receipt of which is hereby acknowledged, Swissco does hereby GRANT, SELL, ASSIGN, TRANSFER and CONVEY to FNC the entire right, title and interest in and to the Patents.

IN WITNESS WHEREOF, Swissco has caused this Assignment of Patents to be duly executed in a manner appropriate thereto effective as of June 9, 1997.

Ascom Timeplex Trading A.G.

By: [Signature]
Name: D. Zuercher
Title: Chairman

EXHIBIT A

LIST OF CERTAIN PATENTS AND APPLICATIONS

ny-81079

09778.0014:0261289 01

PATENT
REEL: 9604 FRAME: 0824

SCHEDULE A
PATENT APPLICATIONS OF ASCOM NEXION INC.

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	SERIAL NO.	
		RECORDED DATE	FILING DATE
		REEL NO.	PATENT NO.
		FRAME NO.	ISSUE DATE
ASCOM-101XX	PRIORITY BASED BANDWIDTH ADJUSTMENT IN		DISCLOSURE
United States	CONNECTIONLESS NETWORKS		
REF: Ascom didn't pursue			
ASCOM-102AX	PRIORITIZED ACCESS TO SHARED BUFFER	9/30/96	08/683,448
United States		8159	7/18/1996
cip of XX		0594	
REF: Based on 102Xq800			
ASCOM-102Aq999	PRIORITIZED ACCESS TO SHARED BUFFER		PCT/US96/11920
PCT			7/18/1996
REF:			
ASCOM-102BX	MINIMUM GUARANTEED CELL RATE METHOD AND	9/30/96	08/683,449
United States	APPARATUS	8159	7/18/1996
		0583	
REF: 1.5-Based on102Xq800			
ASCOM-102Bq999	MINIMUM GUARANTEED CELL RATE METHOD AND APPARATUS		PCT/US96/11936
PCT			7/18/1996
REF: 1.5			
ASCOM-102CX	LINK BUFFER SHARING METHOD AND APPARATUS	10/3/96	08/685,241
United States		8161	7/18/1996
		0392	
REF: based on 102Xq800			
ASCOM-102Cq999	LINK BUFFER SHARING METHOD AND APPARATUS		PCT/US96/11934
PCT			7/18/1996
REF:			
ASCOM-102DX	LINK BUFFER SHARING METHOD AND APPARATUS	3/1/96	
United States		7890	4/22/1997
con of XX		0597	
REF:			

SCHEDULE A

1/10

PATENT
REEL: 9604 FRAME: 0826

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE REEL NO. FRAME NO.	SERIAL NO. FILING DATE PATENT NO. ISSUE DATE
ASCOM-102XX United States	LINK BUFFER SHARING METHOD AND APPARATUS	3/1/96 7890 0597	08/609,500 3/01/1996 ABANDONED PER ASCOM-102TX
REF: Based on 102Xq800			
ASCOM-102Xq800 Provisional	COMMUNICATION METHOD AND APPARATUS	9/3/95 8114 0214	60/001,498 7/19/1995
REF:			
ASCOM-102Xq999 PCT	LINK BUFFER SHARING METHOD AND APPARATUS		PCT/US96/10593 6/19/1996
REF:			
ASCOM-103XX United States	TRANSMITTER CONTROLLED FLOW CONTROL FOR BUFFER ALLOCATION IN WIDE AREA ATM NETWORKS	10/24/96 8191 0781	08/714,793 9/13/1996
REF: Based on Provisional			
ASCOM-103Xq800 Provisional	COMMUNICATION METHOD AND APPARATUS	11/3/95 7723 0011	60/003,761 9/14/1995
REF:			
ASCOM-103Xq999 PCT	TRANSMITTER CONTROLLED FLOW CONTROL FOR BUFFER ALLOCATION IN WIDE AREA ATM NETWORKS		PCT/US96/14433 9/13/1996
REF:			
ASCOM-104XX United States	RELIABLE AND FLEXIBLE MULTICAST MECHANISM FOR ATM NETWORKS	3/31/97 8432 0387	08/781,435 1/10/1997
REF: Based on Provisional			
ASCOM-104Xq800 Provisional	RELIABLE AND FLEXIBLE MULTICAST MECHANISM FOR ABR SERVICE IN ATM NETWORKS	3/14/96 7839 0187	60/009,919 1/16/1996
REF:			

SCHEDULE A

2/10

PATENT
REEL: 9604 FRAME: 0827

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO.	TITLE	RECORDED DATE		SERIAL NO.
		REEL NO.	FRAME NO.	FILING DATE PATENT NO. ISSUE DATE
ASCOM-104Xq999 PCT	RELIABLE AND FLEXIBLE MULTICAST MECHANISM FOR ATM NETWORKS			PCT/US97/00488 1/10/1997
REF:				
ASCOM-105XX United States cip of ASCOM-102XX REF: Based on 102Xq800	HIERARCHICAL RESOURCE MANAGEMENT	9/30/96 8159 0489		08/683,349 7/18/1996
ASCOM-105Xq999 PCT	HIERARCHICAL RESOURCE MANAGEMENT			PCT/US96/11944 7/18/1996
REF:				
ASCOM-106XX United States	FRAME CLASSIFICATION USING CLASSIFICATION KEYS	11/11/96 8217 0494		08/701,335 8/30/1996
REF:				
ASCOM-107Aq800 Provisional	ROBUST FLOW CONTROL FOR LEGACY DATA APPLICATIONS OVER INTEGRATED SERVICES ATM NETWORKS	8/15/96 8095 0612		60/019,701 6/20/1996
REF:				
ASCOM-107XX United States	METHOD AND APPARATUS FOR ENABLING FLOW CONTROL OVER MULTIPLE NETWORKS HAVING DISPARATE FLOW CONTROL CAPABILITY			08/854,231 5/9/97 <i>11/19/98</i>
REF:				
ASCOM-107Xq800 Provisional	END-TO-END FLOW CONTROL FOR LAN TRAFFIC OVER ATM NETWORKS	7/8/96 8021 0666		60/017,504 5/10/1996
REF:				
ASCOM-107Xq999 PCT	METHOD AND APPARATUS FOR ENABLING FLOW CONTROL OVER MULTIPLE NETWORKS HAVING DISPARATE FLOW CONTROL CAPABILITY			5/09/1997
REF:				

SCHEDULE A
3/10

PATENT
REEL: 9604 FRAME: 0828

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE REEL NO. FRAME NO.	SERIAL NO. FILING DATE PATENT NO. ISSUE DATE
ASCOM-108XX United States	SWITCH FLOW CONTROL		
REF: Merged w/ 117XX			
ASCOM-109XX United States	CONTROLLING BANDWIDTH ALLOCATION USING A PACE COUNTER	10/3/96 8161 0399	08/683,154 7/18/1996
REF: 20.1based on102Xq800			
ASCOM-109Xq999 PCT	CONTROLLING BANDWIDTH ALLOCATION USING A PACE COUNTER		PCT/US96/11964 7/18/1996
REF: 20.1			
ASCOM-110XX United States	POINT TO MULTIPOINT TRANSMISSION USING SUBQUEUES	10/3/96 8161 0412	08/683,131 7/18/1996
REF: 20.2based on102Xq800			
ASCOM-110Xq999 PCT	POINT TO MULTIPOINT TRANSMISSION USING SUBQUEUES		PCT/US96/11929 7/18/1996
REF: 20.2			
ASCOM-111XX United States	POINT-TO-MULTIPOINT ARBITRATION	10/3/96 8161 0382	08/683,333 7/18/1996
REF: 19.1Based on102Xq800			
ASCOM-111Xq999 PCT	POINT-TO-MULTIPOINT ARBITRATION		PCT/US96/11921 7/18/1996
REF: 19.1			
ASCOM-112XX United States	ALLOCATED AND DYNAMIC BANDWIDTH MANAGEMENT	10/3/96 8161 0405	08/683,152 7/18/1996
REF: 3.2,19-Based102Xq800			

SCHEDULE A

4/10

PATENT
REEL: 9604 FRAME: 0829

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE REEL NO. FRAME NO.	SERIAL NO. FILING DATE PATENT NO. ISSUE DATE	
ASCOM-112Xq999 PCT	ALLOCATED AND DYNAMIC BANDWIDTH MANAGEMENT		PCT/US96/11943 7/18/1996	
REF: 3.2,19				
ASCOM-113XX United States	NETWORK SWITCH UTILIZING CENTRALIZED AND PARTITIONED MEMORY FOR CONNECTION TOPOLOGY INFORMATION STORAGE	10/3/96 8165 0196	08/685,240 7/18/1996	
REF: 21-based on 102Xq800				
ASCOM-113Xq999 PCT	NETWORK SWITCH UTILIZING CENTRALIZED AND PARTITIONED MEMORY FOR CONNECTION TOPOLOGY INFORMATION STORAGE		PCT/US96/11932 7/18/1996	
REF: 21				
ASCOM-114AX United States con of XX REF:	MULTIPOINT-TO-POINT ARBITRATION IN A NETWORK SWITCH	10/4/96 8165 0240	4/29/1997	
ASCOM-114XX United States	MULTIPOINT-TO-POINT ARBITRATION IN A NETWORK SWITCH	10/4/96 8165 0240	08/683,132 7/18/1996	ABANDONED PER ASCOM-114AX
REF: 20.3-based 102Xq800				
ASCOM-114Xq999 PCT	MULTIPOINT TO POINT ARBITRATION IN A NETWORK SWITCH		PCT/US96/11922 7/18/1996	
REF: 20.3				
ASCOM-115XX United States	PRIORITY ARBITRATION FOR POINT-TO-POINT AND MULTIPOINT TRANSMISSION	10/3/96 8161 0421	08/683,153 7/18/1996	
REF: 19.2-based 102Xq800				
ASCOM-115Xq999 PCT	PRIORITY ARBITRATION FOR POINT-TO-POINT AND MULTIPOINT TRANSMISSION		PCT/US96/11945 7/18/1996	
REF: 19.2				

SCHEDULE A

5/10

PATENT
REEL: 9604 FRAME: 0830

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE	SERIAL NO.	FILING DATE
		REEL NO.	PATENT NO.	ISSUE DATE
ASCOM-116XX United States	LINKED LIST STRUCTURES FOR MULTIPLE LEVELS OF CONTROL IN AN ATM SWITCH	9/30/96 8159 0561	08/683,447 7/18/1996	
REF: 3.2-based on 102Xq800				
ASCOM-116Xq999 PCT	LINKED LIST STRUCTURES FOR MULTIPLE LEVELS OF CONTROL IN AN ATM SWITCH		PCT/US96/11881 7/18/1996	
REF: 3.2				
ASCOM-117XX United States	ALLOCATED AND DYNAMIC SWITCH FLOW CONTROL	9/30/96 8164 0514	08/683,348 7/18/1996	
REF: 10.2				
ASCOM-117Xq999 PCT	ALLOCATED AND DYNAMIC SWITCH FLOW CONTROL		PCT/US96/11942 7/18/1996	
REF: 10.2				
ASCOM-118XX United States	LINK SCHEDULING	10/4/96 8272 0828	08/683,127 7/18/1996	
REF: based on 102X q800				
ASCOM-118Xq999 PCT	LINK SCHEDULING		PCT/US96/11919 7/18/1996	
REF:				
ASCOM-119AX United States con of XX REF:	MULTIPOINT-TO-MULTIPOINT ECHO PROCESSING IN A NETWORK SWITCH	11/13/96 8219 0969	4/29/1997	
ASCOM-119XX United States	MULTIPOINT-TO-MULTIPOINT ECHO PROCESSING IN A NETWORK SWITCH	11/3/96 8219 0969	08/683,335 7/18/1996	ABANDONED P ASCOM-119AX
REF: Based on 102Xq800				

SCHEDULE A

6/10

PATENT
REEL: 9604 FRAME: 0831

ALL U.S. & FOREIGN RECORDS OF
Ascom Nexion Inc.

DOCKET NO	TITLE	SERIAL NO.	
		RECORDED DATE	FILING DATE
		REEL NO.	PATENT NO.
		FRAME NO.	ISSUE DATE
ASCOM-119Xq999 PCT	MULTIPOINT-TO-MULTIPOINT ECHO PROCESSING IN A NETWORK SWITCH		PCT/US96/11918 7/18/1996
REF:			
ASCOM-120XX United States	JOINT FLOW CONTROL MECHANISM IN A TELECOMMUNICATIONS NETWORK	10/4/96 8165 0275	08/683,151 7/18/1996
REF: based on 102Xq800			
ASCOM-120Xq999 PCT	JOINT FLOW CONTROL MECHANISM IN A TELECOMMUNICATIONS NETWORK		PCT/US96/11935 7/18/1996
REF:			
ASCOM-121Xq800 Provisional	UNFRAMED ISOCHRONOUS SHAPING METHOD TO REDUCE DELAY AND DELAY VARIATION IN A CBR TRANSMISSION SYSTEM	1/7/97 8294 0817	60/029,176 10/28/1996
REF:			
ASCOM-122Xq800 Provisional	ACHIEVING NETWORK WIDE FAIRNESS IN A CREDIT BASED FLOW CONTROLLED NETWORK	1/15/97 8306 0736	60/032,620 12/06/1996
REF:			
ASCOM-123Xq800 Provisional	DATA ENCODER/DECODER FOR HIGH SPEED SERIAL LINK	3/25/97 8422 0926	60/036,617 1/30/1997
REF:			
ASCOM-124XX United States	SERIAL CONTROL AND DATA PATH INTERCONNECT	10/17/96 8205 0213	08/683,792 7/18/1996
REF: Based on 102Xq800			
ASCOM-124Xq999 PCT	SERIAL CONTROL AND DATA PATH INTERCONNECT		PCT/US96/11946 7/18/1996
REF:			

SCHEDULE A

7/10

PATENT
REEL: 9604 FRAME: 0832

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE REEL NO. FRAME NO.	SERIAL NO. FILING DATE PATENT NO. ISSUE DATE
ASCOM-125XX United States	SWITCH FABRIC CONTROLLER COMPARATOR SYSTEM AND METHOD	10/22/96 8282 0817	08/685,195 7/18/1996
REF: Based on 102Xq800			
ASCOM-125Xq999 PCT	SWITCH FABRIC CONTROLLER COMPARATOR SYSTEM AND METHOD		PCT/US96/11916 7/18/1996
REF:			
ASCOM-126XX United States	METHOD AND APPARATUS FOR DISCARDING FRAMES IN A COMMUNICATIONS DEVICE	10/15/96 8196 0271	08/683,791 7/18/1996
REF: Based on 102Xq800			
ASCOM-126Xq999 PCT	METHOD AND APPARATUS FOR DISCARDING FRAMES IN A COMMUNICATIONS DEVICE		PCT/US96/11960 7/18/1996
REF:			
ASCOM-127XX United States	METHOD AND SYSTEM FOR CONTROLLING NETWORK SERVICE PARAMETERS IN A CELL BASED COMMUNICATIONS NETWORK	10/15/96 8228 0793	08/685,183 7/18/1996
REF: Based on 102Xq800			
ASCOM-127Xq999 PCT	METHOD AND SYSTEM FOR CONTROLLING NETWORK SERVICE PARAMETERS IN A CELL BASED COMMUNICATIONS NETWORK		PCT/US96/11931 7/18/1996
REF:			
ASCOM-128XX United States	CONVERTING BETWEEN AN INTERNAL CELL AND MULTIPLE STANDARD ASYNCHRONOUS TRANSFER MODE CELLS	10/22/96 8244 0423	08/685,197 7/18/1996
REF: Based on 102Xq800			
ASCOM-128Xq999 PCT	CONVERTING BETWEEN AN INTERNAL CELL AND MULTIPLE STANDARD ASYNCHRONOUS TRANSFER MODE CELLS		PCT/US96/11959 7/18/1996
REF:			

SCHEDULE A

8/10

PATENT
REEL: 9604 FRAME: 0833

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE	SERIAL NO.
		REEL NO.	FILING DATE
		FRAME NO.	PATENT NO. ISSUE DATE
ASCOM-129XX United States	METHOD AND APPARATUS FOR EMULATING A CIRCUIT CONNECTION IN A CELL BASED COMMUNICATIONS NETWORK	10/15/96 8229 0155	08/684,641 7/18/1996
REF: Based on 102Xq800			
ASCOM-129Xq999 PCT	METHOD AND APPARATUS FOR EMULATING A CIRCUIT CONNECTION IN A CELL BASED COMMUNICATIONS NETWORK		PCT/US96/11965 7/18/1996
REF:			
ASCOM-130XX United States	PORT AND LINK IDENTIFICATION	10/22/96 8257 0710	08/685,194 7/18/1996
REF: Based on 102Xq800			
ASCOM-130Xq999 PCT	PORT AND LINK IDENTIFICATION		PCT/US96/11963 7/18/1996
REF:			
ASCOM-131XX United States	MAPPING A DATA CELL IN A COMMUNICATION SWITCH	10/22/96 8243 0567	08/685,196 7/18/1996
REF: Based on 102Xq800			
ASCOM-131Xq999 PCT	MAPPING A DATA CELL IN A COMMUNICATION SWITCH		PCT/US96/11917 7/18/1996
REF:			
ASCOM-132XX United States	REDUNDANT SWITCH SYSTEM AND METHOD OF OPERATION	10/22/96 8243 0493	08/683,793 7/18/1996
REF: Based on 102Xq800			
ASCOM-132Xq999 PCT	REDUNDANT SWITCH SYSTEM AND METHOD OF OPERATION		PCT/US96/11962 7/18/1996
REF:			

SCHEDULE A

9/10

PATENT
REEL: 9604 FRAME: 0834

ALL U.S. & FOREIGN RECORDS OF
Ascom Mexion Inc.

DOCKET NO	TITLE	RECORDED DATE REEL NO. FRAME NO.	SERIAL NO. FILING DATE PATENT NO. ISSUE DATE
ASCOM-133XX United States	ASYNCHRONOUS TRANSFER MODE BASED SERVICE CONSOLIDATION SWITCH	10/15/96 8180 0546	08/683,795 7/18/1996
REF: Based on 102Xq800			
ASCOM-133Xq999 PCT	ASYNCHRONOUS TRANSFER MODE BASED SERVICE CONSOLIDATION SWITCH		PCT/US96/11961 7/18/1996
REF:			
ASCOM-134XX United States	METHOD AND APPARATUS FOR REDUCING INFORMATION LOSS IN A COMMUNICATIONS NETWORK	10/15/96 8229 0171	08/685,182 7/18/1996
REF: Based on 102Xq800			
ASCOM-134Xq999 PCT	METHOD AND APPARATUS FOR REDUCING INFORMATION LOSS IN A COMMUNICATIONS NETWORK		PCT/US96/11967 7/18/1996
REF:			
ASCOM-135XX United States	METHOD AND APPARATUS FOR QUEUING DATA IN A COMMUNICATIONS DEVICE	10/15/96 8196 0286	08/685,180 7/18/1996
REF: Based on 102Xq800			
ASCOM-135Xq999 PCT	METHOD AND APPARATUS FOR QUEUING DATA IN A COMMUNICATIONS DEVICE		PCT/US96/11986 7/18/1996
REF:			

SCHEDULE A

10/10

PATENT
REEL: 9604 FRAME: 0835

ACKNOWLEDGMENT

THE STATE OF NEW YORK §
 §
COUNTY OF NEW YORK §

This instrument was acknowledged before me on June 6, 1997, by Markus Zimmerman
Chairman of Ascom Timeplex Trading, A.G., on behalf of said corporation.

Name: Florence Ann Somma

My Commission Expires:

FLORENCEANN SOMMA
Notary Public, State of New York
No. 01805052601
Qualified in Kings County
Commission Exp: Nov. 27, 1997

ny-81079

09778.0014:0261289.01

RECORDED: 11/23/1998

PATENT
REEL: 9604 FRAME: 0836