

07-23-1999



101099548

Docket No.: 4229-G-7

SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

.Y

Tab settings → → → ▼

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

1. Name of conveying party(ies):

**BHF-Bank Aktiengesellschaft**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

**7-21-99**

☐ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☒ Other Amendment to Credit Agreement and Senior Subordinated Loan Agreement

Execution Date: May 5, 1999

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

Name: BHF (USA) Capital Corp.

Internal Address: \_\_\_\_\_

Street Address: 590 Madison Avenue

City: New York State: NY ZIP: 10022

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

08/808,932

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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

Name: Ronald E. Brown

Internal Address: Kane, Dalsimer, Sullivan, Kurucz, Levy,

Eisele and Richard, LLP

Street Address: 711 Third Avenue

20th Floor

City: New York State: ny ZIP: 10017

6. Total number of applications and patents involved: 36

7. Total fee (37 CFR 3.41):.....\$ 1440.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

11-0215, Order No. 4229-G-7

**1440E**

7/22/1999 MTHAI1 00000249 08808932

DO NOT USE THIS SPACE

1 FC:581 1440.00 DP

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.

Ronald E. Brown

Name of Person Signing

Signature

July 19, 1999

Date

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

24

4. Cont'd - Application number(s) or patent number(s):

B. Patent No.(s)

5,485,673	4,770,639
5,362,251	4,769,906
5,139,444	4,768,961
5,115,375	4,755,641
5,098,317	4,695,117
4,959,028	4,695,116
4,954,096	4,681,398
4,938,717	4,655,535
4,921,431	4,632,488
4,874,317	4,609,795
4,826,455	4,588,854
4,826,439	4,461,539
4,820,200	4,392,708
4,797,114	4,361,375
4,786,260	4,354,076
4,784,609	4,324,958
4,772,562	4,316,647

---

**AMENDMENT NO. 3 TO**

**CREDIT AGREEMENT**

and

**SENIOR SUBORDINATED LOAN AGREEMENT**

among

**SWITCHCRAFT, INC.**

an Illinois corporation

(as surviving entity of a merger between  
Switchcraft, Inc. and Switchcraft Acquisition, Inc.),

**THE LENDERS FROM TIME  
TO TIME PARTIES HERETO**

and

**BHF-BANK AKTIENGESELLSCHAFT,**

as Lender and Administrative Agent,

and

**BHF (USA) CAPITAL CORPORATION**

As of May 5, 1999

---

**AMENDMENT NO. 3 TO CREDIT AGREEMENT AND SENIOR  
SUBORDINATED LOAN AGREEMENT**

This Amendment No. 3 to Credit Agreement (as defined below) and Senior Subordinated Loan Agreement (as defined below) (this "**Amendment**") dated as of May 5, 1999 is made by and among SWITCHCRAFT, INC. (the surviving entity of a merger between Switchcraft Acquisition, Inc. and Switchcraft, Inc.), an Illinois corporation (the "**Borrower**"), FIRST SOURCE FINANCIAL LLP, SANWA BUSINESS CREDIT CORPORATION, SUNTRUST BANK ATLANTA, KEY CORPORATE CAPITAL, INC. (each a "**Lender**," and together with BHF (acting in the capacity of a Lender) and any further lenders from time to time party hereto, collectively, the "**Lenders**"), BHF-BANK AKTIENGESELLSCHAFT, as a Lender, as Administrative Agent and as Collateral Agent ("**BHF**"), SWITCHCRAFT HOLDINGS, INC., a Delaware corporation, as guarantor (the "**Guarantor**") and BHF (USA) Capital Corporation ("**BHFCC**").

WHEREAS, the Borrower and BHF (in its capacity as Administrative Agent and Lender) entered into, and the other Lenders later joined that certain CREDIT AGREEMENT dated as of December 31, 1997 (as amended to date, the "**Credit Agreement**") and that certain SENIOR SUBORDINATED LOAN AGREEMENT dated as of December 31, 1997 (as amended to date, the "**Subordinated Agreement**," together with the Credit Agreement, collectively the "**Agreements**") and other Credit Documents, pursuant to which BHF and the Lenders made available to the Borrower loans in the aggregate amount of \$61,500,000;

WHEREAS, in connection with the assignment by BHF of its rights, powers, duties and obligations under the Agreements and the other Credit Documents to BHFCC and in order to effectuate certain related amendments to the Agreements and other Credit Documents related thereto, the parties hereto have agreed to amend the Agreements and related Credit Documents as provided for herein; and

WHEREAS, capitalized terms used but not defined herein shall have the meaning specified in the Agreements, as amended to date.

NOW THEREFORE, in consideration of the foregoing and for other consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto, intending to be legally bound, hereby agree as follows:

## **I. AMENDMENTS**

1. In **Section 10** of the Credit Agreement the definition of "BHF" shall be deleted in its entirety and restated to read as follows:

"BHFCC" shall mean BHF (USA) Capital Corporation.

2. In **Section 9** of the Subordinated Agreement the definition of "BHF" shall be deleted in its entirety and restated to read as follows:

"BHFCC" shall mean BHF (USA) Capital Corporation.

## **II. AGREEMENTS**

1. The Borrower, the Lenders and the Guarantor hereby acknowledge and agree as of the Effective Date (as defined below) as follows:

A. The Borrower, the Lenders and the Guarantor hereby consent to the assignment by BHF to BHFCC of all of BHF's rights, powers, duties and obligations heretofore vested in BHF under the Agreements and the related Credit Documents. The Borrower, the Lenders and the Guarantor hereby discharge and release BHF from all such duties and obligations. BHF, the Borrower, the Lenders, the Guarantor and BHFCC acknowledge and agree that BHF shall have no further rights, powers, duties or obligations in respect of the Agreements and the related Credit Documents, but rather that all of such rights, powers, duties and obligations will be vested in BHFCC.

B. All references in the Agreements and the related Credit Documents to "BHF-BANK Aktiengesellschaft" or "BHF" or words of like effect shall be references to "BHFCC" or "BHF (USA) Capital Corporation".

C. In connection with Section 12.03 of the Credit Agreement and Section 11.03 of the Subordinated Agreement, all notices to BHFCC shall be sent to the address and numbers specified in Appendix I attached hereto. Payments to BHFCC shall be sent to the account specified in Appendix II attached hereto.

2. Each of the Borrower and the Guarantor hereby agrees that, from and after the Effective Date, upon the reasonable request of BHFCC, it shall execute, acknowledge and deliver such further instruments of conveyance and assurance and do such other things as may be required for more fully and certainly vesting and confirming in BHFCC all of the rights, powers, duties and obligations of BHF under the Agreements and the related Credit Documents. Without limiting the generality of the foregoing, the Borrower and the Guarantor will execute and deliver to BHF and BHFCC any amendments to or assignments of the Notes, Security Documents, Additional Security Documents, any patent and trademark security agreements, UCC financing statements, insurance

certificates, warrants and any other documents that BHFCC deems reasonably necessary to effectuate the foregoing.

### III. REPRESENTATIONS AND WARRANTIES

The Borrower, the Lenders and the Guarantor, each as to itself, hereby represents and warrants as follows:

1. The execution, delivery and performance by the Borrower, the Lenders and the Guarantor of this Amendment (a) are within such party's corporate power; (b) have been duly authorized by all corporate and shareholder or other necessary action; (c) are not in contravention of any provision of such party's certificate of incorporation or bylaws or other documents of organization; (d) do not violate any law or regulation, or any order or decree of any Governmental Agency; and (e) do not conflict with or result in the breach or termination of, constitute a default under or accelerate any performance required by, any indenture, mortgage, deed of trust, lease, agreement or other instrument to which such party is a party or by which such party or any of its respective property is bound;

2. This Amendment has been duly executed and delivered by the Borrower, the Lenders and the Guarantor and constitutes the legal, valid and binding obligation of such parties, enforceable against each such party in accordance with its terms except as the enforceability hereof may be limited by bankruptcy, insolvency, reorganization, moratorium and other laws affecting creditors' rights and remedies in general; and

### IV. GUARANTOR'S CONSENT

The undersigned Guarantor, in its capacity as the Guarantor under the Holdings Guaranty (the "**Guaranty**") hereby agrees and consents to the amendments as set forth herein and hereby ratifies and confirms the Guaranty in all respects, after giving effect to the amendments set forth herein.

### V. MISCELLANEOUS

1. This Amendment shall become effective as of 5:00 p.m. Eastern Standard Time on June 18, 1999 unless, on or before such date, BHF has given notice to the Borrower substantially in the form attached hereto as Appendix III, in which case this Amendment shall become effective as specified in the notice (the "**Effective Date**").

2. On or before the Effective Date, (a) all Letters of Credit issued by BHF under the Credit Agreement and which are outstanding on the Effective Date, will be transferred internally on the books and records of BHF to the head office of BHF-BANK Aktiengesellschaft or to one of its other branches and (b) BHFCC shall add its confirmation to such Letters of Credit, pursuant to which drawings under such Letters of Credit may be effected at the offices of BHFCC or such head office or such other branch (as the case may be), in the relevant beneficiary's discretion. BHF or BHFCC shall so notify the beneficiaries of such Letters of Credit.

3. BHF and BHFCC hereby agree and affirm that pursuant to an assignment and assumption agreement to be entered into by BHF and BHFCC on or prior to the Effective Date, as of the Effective Date, BHF will assign to BHFCC, and BHFCC will assume from BHF, all of BHF's rights, powers, duties and obligations heretofore vested in BHF under the Agreements and the related Credit Documents.

4. Each of the undersigned other than the Lenders (the "**Parties**"), acknowledges and confirms to BHFCC and the Lenders that the Agreements and each related Credit Document to which it is a party shall remain in full force and effect and shall continue to evidence, secure or otherwise guarantee and support the obligations owing by the Borrower to the Lenders pursuant thereto, as hereby amended, and the Notes delivered in accordance with the Agreements.

5. Each of the Parties acknowledges and reaffirms that (i) the Liens granted to the Collateral Agent for the benefit of the Lenders under the Security Documents and the Additional Security Documents remain in full force and effect and shall continue to secure the obligations of the Borrower and the Guarantor arising under the Agreements, as hereby amended, and related Credit Documents, and (ii) the validity, perfection or priority of the Liens will not be impaired by the execution and delivery of this Amendment.


6. All references in the Credit Documents to the Agreements shall, as of the Effective Date, be deemed to refer to the Agreements, as amended by this Amendment, *mutatis mutandis*.

7. This Amendment may be executed in any number of counterparts, including by telecopy, and by the various parties hereto on separate counterparts, each of which when so executed and delivered shall be an original, but all of which shall together constitute one and the same instrument.

8. THIS AMENDMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE CONSTRUED IN ACCORDANCE WITH AND BE GOVERNED BY THE INTERNAL LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO ITS CONFLICTS OF LAWS PRINCIPLES AND SHALL BE BINDING UPON AND INURE TO THE BENEFIT OF THE SUCCESSORS AND ASSIGNS OF THE PARTIES HERETO.

IN WITNESS WHEREOF, the parties hereto, in their respective capacities under the agreements to which they are a party, by their officers duly authorized, have executed this Amendment as of the date first above written.

SWITCHCRAFT, INC.

By:   
Name: David K. Dunmead  
Title: Vice President

BHF-BANK AKTIENGESELLSCHAFT  
Individually and as  
Administrative Agent

By: \_\_\_\_\_  
Name: Thomas J. Leissl  
Title: Vice President

By: \_\_\_\_\_  
Name: Stephen B. Shelton  
Title: Vice President

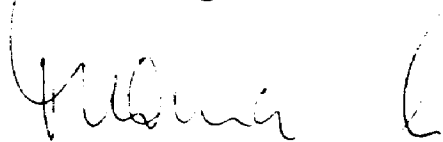


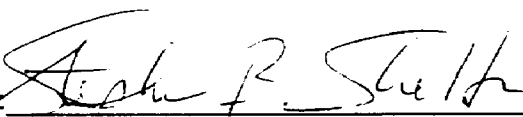
IN WITNESS WHEREOF, the parties hereto, in their respective capacities under the agreements to which they are a party, by their officers duly authorized, have executed this Amendment as of the date first above written.

SWITCHCRAFT, INC.

By: \_\_\_\_\_  
Name: David K. Dunmead  
Title: Vice President

BHF-BANK AKTIENGESELLSCHAFT  
Individually and as  
Administrative Agent

By:  \_\_\_\_\_  
Name: Thomas J. Leissl  
Title: Vice President

By:  \_\_\_\_\_  
Name: Stephen B. Shelton  
Title: Vice President

## BHF (USA) CAPITAL CORPORATION

By: 

Name: Burkhard Frankenberger

Title: Managing Director

By: 

Name: Wolfgang Boeker

Title: Treasurer

SWITCHCRAFT HOLDINGS, INC.,  
as Guarantor

By: \_\_\_\_\_

Name: David K. Dunmead

Title: Vice President

FIRST SOURCE FINANCIAL, LLP  
By First Source Financial, Inc., its Manager

By: \_\_\_\_\_

Name: John P. Thacker

Title: Senior Vice President

FLEET BUSINESS CREDIT  
CORPORATION  
(f/k/a Sanwa Business Credit Corporation)

By: \_\_\_\_\_

Name: Katherine L. Lane


Title: Vice President

## BHF (USA) CAPITAL CORPORATION

By: \_\_\_\_\_  
Name: Burkhard Frankenberger  
Title: Managing Director

By: \_\_\_\_\_  
Name: Wolfgang Boeker  
Title: Treasurer

SWITCHCRAFT HOLDINGS, INC.,  
as Guarantor

By:   
Name: David K. Dunmead  
Title: Vice President

FIRST SOURCE FINANCIAL, LLP  
By First Source Financial, Inc., its Manager

By: \_\_\_\_\_  
Name: John P. Thacker  
Title: Senior Vice President

SANWA BUSINESS CREDIT  
CORPORATION

By: \_\_\_\_\_  
Name: Peter L. Skavla  
Title: Vice President

## BHF (USA) CAPITAL CORPORATION

By: \_\_\_\_\_

Name: Burkhard Frankenberger

Title: Managing Director

By: \_\_\_\_\_

Name: Wolfgang Boeker

Title: Treasurer

SWITCHCRAFT HOLDINGS, INC.,  
as Guarantor

By: \_\_\_\_\_

Name: David K. Dunmead

Title: Vice President

FIRST SOURCE FINANCIAL, LLP  
By First Source Financial, Inc., its ManagerBy:  \_\_\_\_\_

Name: John P. Thacker

Title: Senior Vice President

SANWA BUSINESS CREDIT  
CORPORATION

By: \_\_\_\_\_

Name: Peter L. Skavla

Title: Vice President

## BHF (USA) CAPITAL CORPORATION

By: \_\_\_\_\_

Name: Burkhard Frankenberger

Title: Managing Director

By: \_\_\_\_\_

Name: Wolfgang Boeker

Title: Treasurer

SWITCHCRAFT HOLDINGS, INC.,  
as Guarantor

By: \_\_\_\_\_

Name: David K. Dunmead

Title: Vice President

FIRST SOURCE FINANCIAL, LLP  
By First Source Financial, Inc., its Manager

By: \_\_\_\_\_

Name: John P. Thacker

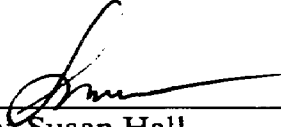
Title: Senior Vice President

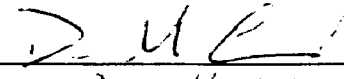
FLEET BUSINESS CREDIT  
CORPORATION  
(f/k/a Sanwa Business Credit Corporation)By: Katherine L. Lane

Name: Katherine L. Lane

Title: Vice President

## SUNTRUST BANK, ATLANTA,

By:   
Name: Susan Hall  
Title: Vice President

By:   
Name: Bruce F. Sowalskie  
Title: Vice President

## KEY CORPORATE CAPITAL, INC.

By: \_\_\_\_\_  
Name: Bruce F. Sowalskie  
Title: Vice President

SUNTRUST BANK, ATLANTA,

By: \_\_\_\_\_

Name: Susan Hall

Title: Vice President

By: \_\_\_\_\_

Name:

Title:

KEY CORPORATE CAPITAL, INC.

By:  \_\_\_\_\_

Name: Bruce F. Sowalskie

Title: Vice President

**ADDRESS FOR NOTICES**

TO: BHF (USA) CAPITAL CORPORATION

590 Madison Avenue  
New York, New York 10022

Telecopier: (212) 756-5536  
Attention: Thomas J. Leissl



**ACCOUNT INFORMATION FOR  
BHF (USA) CAPITAL CORPORATION**

**ACCOUNT INFORMATION FOR  
BHF (USA) CAPITAL CORPORATION**

ABA #: 021-000-018

Bank Name: Bank of New York

City: New York, New York

Account Name: BHF (USA) Capital Corporation

Account Number: 890-0388-935

329389.2  
02625-00014

**FORM OF NOTICE TO BORROWER**

To: NAME OF BORROWER  
ADDRESS OF BORROWER

Reference is made to the Amendment to Credit Agreement and Senior Subordinated Loan Agreement dated as of May 5, 1999 (the "Amendment"), by and among BHF-BANK Aktiengesellschaft ("BHF"), BHF (USA) Capital Corporation ("BHFCC"), the lenders from time to time party thereto and Switchcraft, Inc. (the "Borrower") in connection with the Credit Agreement, dated as of December 31, 1997 (the "Credit Agreement") and the Senior Subordinated Loan Agreement, dated as of December 31, 1997 (the "Subordinated Agreement"), both among BHF, the Lenders from time to time party thereto and the Borrower.

Notice is hereby given in accordance with the Amendment that effective as of \_\_\_\_:\_\_\_\_m. Eastern Standard Time on [\_\_\_\_\_, 1999] (the "Effective Date"), BHF has assigned to BHFCC of all of its rights, powers, duties and obligations under the Credit Agreement and the Subordinated Agreement and BHFCC has accepted and assumed such rights, powers, duties and obligations.

**BHF-BANK AKTIENGESELLSCHAFT**

By: \_\_\_\_\_  
Name:  
Title:

By: \_\_\_\_\_  
Name:  
Title:

SUBORDINATED PATENT SECURITY AGREEMENT

WHEREAS, Switchcraft, Inc., an Illinois corporation (herein referred to as "Grantor"), owns the Patents (as defined in the Security Agreement referred to below) listed on Schedule 1 annexed hereto;

WHEREAS, the Grantor, certain lenders and BHF-Bank Aktiengesellschaft, as Administrative Agent and Arranger for such lenders (the "Lenders") are parties to a Senior Subordinated Loan Agreement of even date herewith (as the same may be amended from time to time, the "Loan Agreement");

WHEREAS, pursuant to the terms of the Subordinated Security Agreement of even date herewith (as the same may be amended from time to time, the "Security Agreement"), between Grantor and BHF-Bank Aktiengesellschaft, as Collateral Agent for the secured parties referred to therein (in such capacity, together with its successors in such capacity, the "Grantee"), Grantor has granted to Grantee for the ratable benefit of such secured parties a security interest in substantially all the assets of the Grantor including all right, title and interest of Grantor in, to and under all Grantor's Patents (as defined in the Security Agreement), together with any reissues, continuations, continuations-in-part or extensions thereof, whether presently existing or hereafter arising or acquired, and all products and proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof for the full term of the Patents, to secure the payment of all amounts owing under the Loan Agreement and the other Obligations (as defined in the Security Agreement);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor does hereby grant to Grantee a continuing security interest in all of Grantor's right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the "Patent Collateral"), whether presently existing or hereafter arising or acquired:

- (i) each Patent, including, without limitation, each Patent referred to in Schedule 1 annexed hereto; and


(ii) all products and proceeds of the foregoing, including, without limitation, any claim by Grantor against third parties for past, present or future infringement of any Patent, including, without limitation, any Patent referred to in Schedule 1 annexed hereto.

This security interest is granted in conjunction with the security interests granted to the Grantee pursuant to the Security Agreement. Grantor does hereby further acknowledge and affirm that the rights and remedies of Grantee with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including, without limitation, those relating to subordination) are incorporated by reference herein as if fully set forth herein.

IN WITNESS WHEREOF, Grantor has caused this Subordinated Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the 31st day of December 1997.

SWITCHCRAFT, INC.

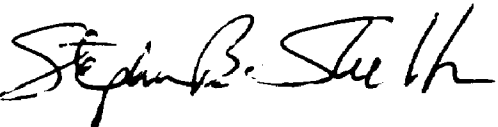
By

  
R. Scott Schafler  
Vice President

Acknowledged:  
BHF-Bank Aktiengesellschaft,  
as Collateral Agent

By

  
Thomas J. Leissl  
Vice President



Stephen B. Shelton  
Vice President

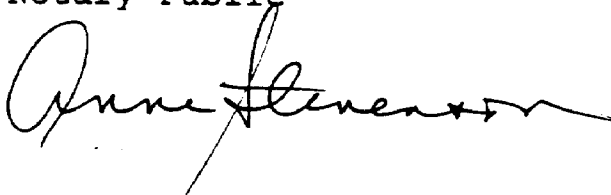
STATE OF NEW YORK     )  
                              ) ss.:  
COUNTY OF NEW YORK    )

On the 20th day of December, 1997, before me personally came R. Scott Schafler, to me personally known to me to be the person described in and who executed the foregoing instrument as Vice President of Switchcraft, Inc., who being by me duly sworn, did depose and say that he is a Vice President of Switchcraft, Inc., the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that the said instrument was signed and seal on behalf of said corporation by order of its Board of Directors; that he signed his name thereto by like order; and that he acknowledged said instrument to be the free act and deed of said corporation.

Notary Public

[Seal]

My commission expires:



ANNE STEVENSON  
Notary Public, State of New York  
No. 01ST5079491  
Qualified in Queens County  
Certificate Filed in New York County  
Commission Expires June 9, 99

243744.1  
2625-0002

Schedule 1  
to Patent  
Security Agreement

243744.1  
2625-0002

# Switchcraft Patents

<i>Patent Number</i>	<i>Description of Invention</i>	<i>Inventor</i>	<i>Country</i>	<i>Primary Date</i>	<i>Expiration</i>
05465673	Environmental Connector	Leu	US	6/16/84	1/23/13
05362251	Coaxial Plug	Black	US	11/24/83	11/8/11
05139444	Insulated Jack Plug	Gerry EIAI	US	9/17/81	6/18/09
05115375	Snap-In Retainer Sleeve	Gerry	US	4/30/80	5/18/08
05098317	Spring Lock Terminal	Leu	US	12/31/80	3/24/09
04699026	Power Connector	Gerry EIAI	US	4/12/89	9/25/07
04654036	Detent For Test Jack	Frank	US	2/6/80	9/4/07
04638717	Reinforced Phone Plug	Leu	US	10/2/89	7/3/07
04621431	Connector Assembly Adaptor	Gerry EIAI	US	1/23/89	9/1/07
04674317	Modular Guide/ Cover Assembly	Leu	US	6/15/88	10/17/08
04626456	Jackfield Connector Device	Beaver EIAI	US	6/20/88	5/2/08
04626439	Latched Lamp Jack Assembly	Leu	US	3/2/87	5/2/08
04620200	Tri-Jack	Leu	US	2/13/87	9/11/08
04797114	Circuit Board Connector	Leu	US	3/2/87	1/10/08
04786260	Snap-Lock Insert For Connector	Speckling	US	3/18/86	11/22/05
04784609	Jack Lamp Assembly	Leu	US	10/6/87	11/15/05
04772562	Split Front Panel	Leu	US	10/6/87	9/20/05
04770639	Channelized Jackfield	Leu	US	3/2/87	9/13/05
04769906	Cable Molded Strain Relief	Purpus EIAI	US	6/18/86	9/13/05
04769961	Front Removable Jack Module	Leu	US	10/6/87	9/6/05

<i>Patent Number</i>	<i>Description of Invention</i>	<i>Inventor</i>	<i>Country</i>	<i>Primary Date</i>	<i>Expiration</i>
04755641	Anti Reverse Actuated Switch	Case EIAI	US	4/20/87	7/5/05
04095117	Tri-Stacked Elect Jacks	Kyselak	US	12/31/88	9/22/04
04695116	Twin Phone Jack Assembly	Bailey EIAI	US	5/21/88	9/22/04
04081398	Fiber Optic Connector	Bailey EIAI	US	12/17/85	7/21/04
04695335	Jackfield P. C. Board	Kyselak	US	6/3/85	4/7/04
04632468	Cord Strain-Relief Device	Long EIAI	US	6/8/84	12/30/03
04609795	Non-Shorting Switch	Lewyng EIAI	US	9/12/84	9/2/03
04696854	PC Snap-In Modules	Bailey EIAI	US	3/2/83	5/13/03
04461539	Fiber Optic Connector	Bailey EIAI	US	6/1/81	7/24/01
04392708	Phone Jack	Bailey EIAI	US	6/4/80	7/12/00
04361375	Panel Mounted Connector	Bailey EIAI	US	9/15/80	11/30/99
04354076	Flip-Flip Button	Lutzenberger	US	9/8/80	10/12/99
04324658	Locking Slide Switch	Valleu	US	8/19/80	4/13/99
04316647	Miniature Audio Connector	Bailey EIAI	US	11/30/79	2/23/99
01261015	Tri-Stacked Elect Jacks	Kyselak	Canada	5/14/88	9/28/08
01260095	Jackfield P. C. Board	Kyselak	Canada	5/14/88	9/28/08
01237307	Fiber Optic Connector	Bailey	Canada	12/8/83	6/31/05
01216653	PC Snap-In Modules	Bailey	Canada	2/8/84	1/13/04
01211700	Fiber Optic Cleave Tool	Long	Canada	12/8/83	9/23/03
01200997	Fiber Optic Connector	Bailey	Canada	6/21/85	2/25/03
01193476	Fiber Optic Connector	Bailey	Canada	4/30/82	9/17/02
	Screwless OQ	Cooper EIAI	US	11/11/86	
	PCB Terminal	Bielak	US application	11/12/85	