

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
CURRENT Grid, LLC	01/29/2008

RECEIVING PARTY DATA

Name:	AP Current Holdings, LLC
Street Address:	3 Bala Plaza East
Internal Address:	Suite 502
City:	Bala Cynwyd
State/Country:	PENNSYLVANIA
Postal Code:	19004

PROPERTY NUMBERS Total: 9

Property Type	Number
Application Number:	09860260
Patent Number:	7194528
Patent Number:	7173938
Patent Number:	6624532
Patent Number:	7173935
Patent Number:	7142094
Patent Number:	7245472
Application Number:	11669340
Application Number:	11756256

CORRESPONDENCE DATA

Fax Number: (212)294-4700

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2122946635

Email: dkumar@winston.com

Correspondent Name: WINSTON & STRAWN LLP - E. Bradley GOULD

PATENT

500465269

REEL: 020518 FRAME: 0341

CH \$360.00 09860260

Address Line 1: 1700 K Street N.W.
Address Line 4: Washington, DISTRICT OF COLUMBIA 200063817

ATTORNEY DOCKET NUMBER:

11151-00001

NAME OF SUBMITTER:

ALLAN A. FANUCCI

Total Attachments: 37

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*IP Security Agreement*") dated January 29, 2008, is made by the Persons listed on the signature pages hereof (collectively, the "*Grantors*") in favor of AP Current Holdings, LLC, as collateral agent (the "*Collateral Agent*") for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, CURRENT Group, LLC, a Delaware limited liability company, has entered into a Credit Agreement dated as of January 29, 2008 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*Credit Agreement*"), with AP Current Holdings, LLC, as Administrative Agent and the Lenders party thereto. Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the making of Advances, each Grantor has executed and delivered that certain Security Agreement dated January 29, 2008 made by the Grantors to the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "*Security Agreement*").

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed as a condition thereof to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

Grant of Security. Each Grantor hereby grants to the Collateral Agent for the ratable benefit of the Secured Parties a security interest in all of such Grantor's right, title and interest in and to the following (the "*Collateral*"):

- (i) the patents and patent applications set forth in Schedule A hereto (the "*Patents*");
- (ii) the trademark and service mark registrations and applications set forth in Schedule B hereto (provided that no security interest shall be granted in United States intent-to-use trademark applications to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark applications under applicable federal law), together with the goodwill symbolized thereby (the "*Trademarks*");
- (iii) all copyrights, whether registered or unregistered, now owned or hereafter acquired by such Grantor, including, without limitation, the copyright registrations and applications and exclusive copyright licenses set forth in Schedule C hereto (the "*Copyrights*");

(iv) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing.

Security for Obligations. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Loan Documents, whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise.

Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer record this IP Security Agreement.

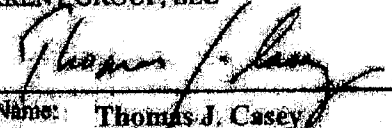
Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

Governing Law. This IP Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to conflict of laws principles.

IN WITNESS WHEREOF, each Grantor has caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

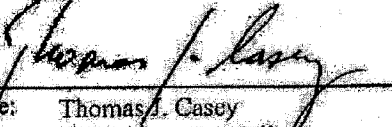
CURRENT GROUP, LLC

By 

Name: Thomas J. Casey
Title: President & CEO

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

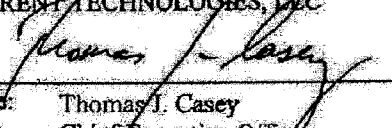
CURRENT TECHNOLOGIES (HOLDINGS),
LLC

By 

Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CURRENT TECHNOLOGIES, LLC

By 

Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
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Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

Intellectual Property Security Agreement

PATENT

REEL: 020518 FRAME: 0345

CURRENT ENERGY, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CURRENT COMMUNICATIONS SERVICES, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CURRENT BROADBAND I, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
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Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

Intellectual Property Security Agreement

PATENT

REEL: 020518 FRAME: 0346

CCB OHIO, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CCB KENTUCKY, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CCB INDIANA, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

Intellectual Property Security Agreement

PATENT

REEL: 020518 FRAME: 0347

CURRENT BROADBAND II, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: jbirdbaum@currentgroup.com

CURRENT BROADBAND III, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: jbirdbaum@currentgroup.com

CURRENT BROADBAND IV, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: jbirdbaum@currentgroup.com

CURRENT COMMUNICATIONS OF
CALIFORNIA, L.P.

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CURRENT POWER, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

CURRENT COMMUNICATIONS
INTERNATIONAL, LLC

By Thomas J. Casey
Name: Thomas J. Casey
Title: Chief Executive Officer

Address for Notices:
20420 Century Boulevard
Germantown, MD 20874
Attention: General Counsel
Facsimile: 301-944-2701
Email: Jbirnbaum@currentgroup.com

Intellectual Property Security Agreement

PATENT

REEL: 020518 FRAME: 0349

3

CURRENT GRID, LLC

By Thomas J. Casey

Name:

Thomas J. Casey

Title:

Chief Executive Officer

Address for Notices:

20420 Century Boulevard

Germantown, MD 20874

Attention: General Counsel

Facsimile: 301-944-2701

Email: jbirnbaum@currentgroup.com

POP WIRELESS, LLC

By Thomas J. Casey

Name:

Thomas J. Casey

Title:

Chief Executive Officer

Address for Notices:

20420 Century Boulevard

Germantown, MD 20874

Attention: General Counsel

Facsimile: 301-944-2701

Email: jbirnbaum@currentgroup.com

CURRENT COMMUNICATIONS OF TEXAS,
L.P.

By Thomas J. Casey

Name:

Thomas J. Casey

Title:

Chief Executive Officer

Address for Notices:

20420 Century Boulevard

Germantown, MD 20874

Attention: General Counsel

Facsimile: 301-944-2701

Email: jbirnbaum@currentgroup.com

Intellectual Property Security Agreement

PATENT

REEL: 020518 FRAME: 0350

**SCHEDULE A to the
Intellectual Property Security Agreement**

PATENTS

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Communications Services, LLC	Power Distribution Network Performance Data Presentation System and Method	US		11/114,024	4/26/2005	
CURRENT Grid, LLC	Load management device and method of operation	US		09/860,260	5/18/2001	
CURRENT Grid, LLC	Method and apparatus for processing inbound data within a powerline based communication system	US	7194528	09/860,261	5/18/2001	3/20/2007
CURRENT Grid, LLC	Method and apparatus for processing outbound data within a powerline based communication system	US	7,173,938	09/860,262	5/18/2001	2/6/2007
CURRENT Grid, LLC	System and method for utility network load control	US	6,624,532	9/860,263	5/18/2001	9/23/2003
CURRENT Grid, LLC	Last leg utility grid high-speed data communication network having virtual local area network functionality	US	7,173,935	10/165,451	6/7/2002	2/6/2007
CURRENT Grid, LLC	Last leg power grid high-speed data transmitter and receiver structures	US	7,142,094	10/370,086	2/20/2003	11/28/2006

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Grid, LLC	Medium voltage signal coupling structure for last leg power grid high-speed data network	US	7245472	10/661,034	9/12/2003	7/17/2007
CURRENT Grid, LLC	Last leg utility grid high-speed data communication network having virtual local area network functionality	US		11/669,340	1/31/2007	
CURRENT Grid, LLC	Medium voltage signal coupling structure for last leg power grid high-speed data network	US		11/756,256	5/31/2007	
CURRENT Technologies, LLC	Wireless Local Distributing System Using Standard Power Lines	US	5,937,342	08/789,285	1/28/1997	8/10/1999
CURRENT Technologies, LLC	A Method of Isolating Data in a Power Line Communications Network	PR		60/177,237	1/20/2000	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	PR		60/197,615	4/14/2000	
CURRENT Technologies, LLC	Method and Apparatus for Interfacing RF Signals to medium Voltage Power Lines	PCT	WO01/82497	PCT/US01/12699	4/19/2000	11/1/2001

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Method and Apparatus for Interfacing RF Signals to medium Voltage Power Lines	PR		60/198,306	4/19/2000	
CURRENT Technologies, LLC	Non-Intrusive Coupler for a Broadband Communications System Using High Voltage Shielded Power Distributed Cables	PR		60/224,031	8/9/2000	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	EP		1903134.3	1/19/2001	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	NZ	520621	520621	1/19/2001	9/8/2005
CURRENT Technologies, LLC	A Method of Isolating Data in a Power Line Communications Network	PCT	WO01/54297	PCT/US01/01810	1/19/2001	7/26/2001
CURRENT Technologies, LLC	Method of Isolating Data in a Powerline Communications Network	US	6,977,578	09/765,910	1/19/2001	12/20/2005

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Apparatus and Method for Providing a Power Line Communication Device for Safe Transmission of High-Frequency, High-Bandwidth Signals Over Existing Power Distribution Lines	PR		60/268,519	2/14/2001	
CURRENT Technologies, LLC	System and Method for Communication Via Power Lines Using Ultra-Short Pulses	US	6,496,104	09/805,638	3/14/2001	12/17/2002
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	IS		152252	4/16/2001	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	JP		577713/01	4/16/2001	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	MX		2002-010062	4/16/2001	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	NZ	522570	522570	4/16/2001	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	PCT	WO01/80441	PCT/US01/12291	4/16/2001	10/25/2001

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	SK		10-2002-7013801	4/16/2001	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	US	6,958,680	09/835,532	4/16/2001	10/25/2005
CURRENT Technologies, LLC	Method and Apparatus for Interfacing RF Signals to medium Voltage Power Lines	US		09/837,972	4/19/2001	
CURRENT Technologies, LLC	Method and Apparatus for Providing Inductive Coupling and Decoupling of High-Frequency, High-Bandwidth Data Signals Directly On and Off of a High Voltage Power Line	US	7,103,240	09/912,633	7/25/2001	9/5/2006
CURRENT Technologies, LLC	Apparatus and Method for Providing a Power Line Communication Device for Safe Transmission of High-Frequency, High-Bandwidth Signals Over Existing Power Distribution Lines	US		09/915,459	7/26/2001	
CURRENT Technologies, LLC	Non-Intrusive Coupling To Shielded Power Cable	US	6,980,089	60/224,031	8/8/2001	12/27/2005

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electric Power Systems	US		10/016,998	12/14/2001	
CURRENT Technologies, LLC	Facilitating Communication of Data Signals on Electric Power Systems	US	7,053,756	10/036,914	12/21/2001	5/30/2006
CURRENT Technologies, LLC	Data communication over a power line	US	6,933,835	10/075,708	2/14/2002	8/23/2005
CURRENT Technologies, LLC	Apparatus and Method for Coupling Data to and from a Power Line	US		10/075,332	2/14/2002	
CURRENT Technologies, LLC	An Inductive High Input Impedance Design for Non-Power Line Communication Devices	US		60/357,753	2/19/2002	
CURRENT Technologies, LLC	Facilitating Communication with Power Line Communication Devices	US	7199699	10/150,694	5/16/2002	4/3/2007
CURRENT Technologies, LLC	Data Communication Over a Power Line	US	7,042,351	10/165,992	6/10/2002	5/9/2006
CURRENT Technologies, LLC	Fiber Optic Connection System and Method of Using the Same	US		10/176,501	6/21/2002	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using the Same	US	7,102,478	10/176,500	6/21/2002	9/5/2006

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Floating Power Supply and Method of Using the Same	US	7,132,819	10/292,745	11/12/2002	11/7/2006
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using Same	US	6,982,611	10/292,714	11/12/2002	1/3/2006
CURRENT Technologies, LLC	Device and Method for Providing Power Line Characterizations and Diagnostics	US	7,076,378	10/293,799	11/13/2002	7/11/2006
CURRENT Technologies, LLC	Power Line Communication Apparatus and Method of Using the Same	US	6,998,962	10/315,725	12/10/2002	2/14/2006
CURRENT Technologies, LLC	Power Line Communication System and Method of Using the Same	US	6,965,302	10/319,317	12/13/2002	11/15/2005
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using Same	US	7,046,124	10/348,164	1/21/2003	5/16/2006
CURRENT Technologies, LLC	Device and Method For Coupling with Electrical Distribution Network Infrastructure to Provide Communications	US	6,980,090	10/385,899	3/10/2003	12/27/2005

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Method and Apparatus for Providing Inductive Coupling and Decoupling of High-Frequency, High-Bandwidth Data Signals Directly On and Off of a High Voltage Power Line	US	6,950,567	10/429,338	5/2/2003	9/27/2005
CURRENT Technologies, LLC	Power Line Communication Device and Method of Using the Same	US	7,308,103	10/434,024	5/8/2003	12/11/2007
CURRENT Technologies, LLC	Device and Method for Communicating Data Signals Through Multiple Power Line Conductors	US	7,075,414	10/436,778	5/13/2003	7/11/2006
CURRENT Technologies, LLC	Voice-Over-IP Network Test Device and Method	US		10/625,280	7/23/2003	
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	US	7,064,654	10/626,308	7/23/2003	6/20/2006
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	US	6,980,091	10/641,689	8/14/2003	12/27/2005
CURRENT Technologies, LLC	Power Line Communication System and Method	US	6,965,303	10/675,409	9/30/2003	11/15/2005

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Transformer Antenna Device and Method of Using the Same	US	7,113,134	10/799,975	3/12/2004	9/26/2006
CURRENT Technologies, LLC	System and Method for Determining Service Availability and Soliciting Customers	US		10/881,128	6/30/2004	
CURRENT Technologies, LLC	Power Line Communications System and Method of Operating the Same	US	7,098,773	10/884,685	7/2/2004	8/29/2006
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	US	7,026,917	10/884,563	7/2/2004	4/11/2006
CURRENT Technologies, LLC	Power Line Communication System and Method of Using the Same	US	7187276	10/884,564	7/2/2004	3/6/2007
CURRENT Technologies, LLC	Method of Isolating Data in a Powerline Communications Network	US	7176786	10/899,926	7/27/2004	2/13/2007
CURRENT Technologies, LLC	Powerline Coupling Device and Method of Using the Same	US	7245201	10/947,929	9/23/2004	7/17/2007
CURRENT Technologies, LLC	Surface Wave Power Line Communications System and Method	US	7280033	10/967,049	10/14/2004	10/9/2007

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	Power Line Communications System and method of Operating the Same	US	7,321,291	10/973,493	10/26/2004	1/22/2008
CURRENT Technologies, LLC	Power Line Repeater and Method	PR		60/633,737	12/6/2004	
CURRENT Technologies, LLC	Power Line Repeater System and Method	US	7,224,272	11/091,677	3/28/2005	5/29/2007
CURRENT Technologies, LLC	Power Line Communications System and Method	US	7265664	11/097,132	4/4/2005	9/4/2007
CURRENT Technologies, LLC	Multi-Function Modem Device	US		11/097,286	4/4/2005	
CURRENT Technologies, LLC	Power Line Communications Device and Method	US		11/097,151	4/4/2005	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Use	US	7,307,512	11/117,498	4/29/2005	12/11/2007
CURRENT Technologies, LLC	Power Line Communication Apparatus and Method of Using the Same	US	7250848	11/118,334	5/2/2005	7/31/2007
CURRENT Technologies, LLC	Power Line Communications System and Method	US		11/127,102	5/12/2005	

GRANTOR	PATENT TITLE	COUNTRY	PATENT NO.	APPLICATION NO.	FILING DATE	ISSUE DATE
CURRENT Technologies, LLC	A Power Line Communication System and Method	US	7,307,511	11/134,377	5/23/2005	12/11/2007
CURRENT Technologies, LLC	Power Line Communication System and Method	US	7,046,882	11/135,348	5/24/2005	5/16/2006
CURRENT Technologies, LLC	Power Line Communication Vegetation Management System And Method	PR		60/684,218	5/25/2005	
CURRENT Technologies, LLC	Wireless Link for Power Line Communications	US		11/156,614	6/21/2005	
CURRENT Technologies, LLC	Multi-Subnet Power Line Communications System And Method	US	7,259,657	11/156,608	6/21/2005	8/21/2007
CURRENT Technologies, LLC	Power Line Communications Device and Method	US		11,156,610	6/21/2005	
CURRENT Technologies, LLC	Power Line Rate Limiting System and Method	US		11/156,611	6/21/2005	
CURRENT Technologies, LLC	Method and Device for Amplification of Data Signals on a Power line	US		11/156,612	6/21/2005	
CURRENT Technologies, LLC	Hybrid Power Line Communications Digital Broadcast System	US		11/156,613	6/21/2005	

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CURRENT Technologies, LLC	Method of Isolating Data in a Powerline Communications Network	PCT		PCT/US2005/026401	7/26/2005	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using the Same	US		11/198,188	8/8/2005	
CURRENT Technologies, LLC	Power Line Communication System and Method	US	7301440	11/198,189	8/8/2005	11/27/2007
CURRENT Technologies, LLC	Surface Wave Power Line Communications System and Method	CA		2515560	8/10/2005	
CURRENT Technologies, LLC	Hybrid Power Line Wireless Communication System	US		11/217,392	9/2/2005	
CURRENT Technologies, LLC	Power Meter Bypass Device and Method for a Power Line Communications System	US	7,307,510	11/217,393	9/2/2005	12/11/2007
CURRENT Technologies, LLC	A Power Line Coupling Device And Method Of Using The Same	US	7,224,243	11/217,316	9/2/2005	5/29/2007
CURRENT Technologies, LLC	Power Line Communications System with Differentiated Data Services	US		11/218,576	9/6/2005	
CURRENT Technologies, LLC	A Power Line Apparatus and Method of Using the Same	US	7245212	11/218,579	9/6/2005	7/17/2007

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CURRENT Technologies, LLC	Power Line Communication Voice Over IP Systems and Methods	US		11/254,888	10/21/2005	
CURRENT Technologies, LLC	Device and Method for Designing Power Line Communication System Networks	US		11/254,733	10/21/2005	
CURRENT Technologies, LLC	A Power Line Communication System and Method of Operating the Same	US		11/254,824	10/21/2005	
CURRENT Technologies, LLC	Power Line Communications Device and Method of Use	US		11/254,887	10/21/2005	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using the Same	US	7248148	11/265,230	11/3/2005	7/24/2007
CURRENT Technologies, LLC	Powerline Coupling Device and Method of Using the Same	PCT		PCT/US2005/041148	11/14/2005	
CURRENT Technologies, LLC	Power Line Repeater System and Method	PCT		PCT/US2005/043999	12/5/2005	
CURRENT Technologies, LLC	Power Line Communication System With Automated Meter Reading	US		11/293,207	12/5/2005	

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CURRENT Technologies, LLC	Automated Meter Reading Power Line Communication System And Method	US	7248158	11/327,341	1/9/2006	7/24/2007
CURRENT Communications Services, LLC	Automated Utility Data Services System and Method	US		11/327,340	1/9/2006	
CURRENT Technologies, LLC	Power Line Communications Module and Method	US		11/341,646	1/30/2006	
CURRENT Technologies, LLC	System And Method For Detecting Noise Source In a Power Line Communications System	US		11/341,645	1/30/2006	
CURRENT Technologies, LLC	Method for Establishing Power Line Communication Link	US		11/353,098	2/14/2006	
CURRENT Technologies, LLC	Hybrid Power Line Wireless Communication Network	US		11/353,080	2/14/2006	
CURRENT Technologies, LLC	System and Method for Multicasting Over Power Lines	US		11/374,205	3/14/2006	
CURRENT Technologies, LLC	Data Communication Over a Power Line	US	7218219	11/374,206	3/14/2006	5/15/2007
CURRENT Technologies, LLC	Multi-Unit Power Line Communications System and Method	US		11/388,985	3/27/2006	

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CURRENT Technologies, LLC	Underground Power Line Communication System and Method	US		11/389,063	3/27/2006	
CURRENT Technologies, LLC	Power Line Communication Device and Method	US		11/388,986	3/27/2006	
CURRENT Technologies, LLC	Power Line Communications Device and Method	US		11/399,529	4/7/2006	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Use	PCT		PCT/US2006/015458	4/24/2006	
CURRENT Technologies, LLC	Power Line Communication Vegetation Management System And Method	US		11/439,198	5/24/2006	
CURRENT Technologies, LLC	System and Method for Communicating in a Multi-Unit Structure	US		11/421,278	5/31/2006	
CURRENT Technologies, LLC	Method and Device for Providing Broadband Over Power Line Communications	US		11/423,195	6/9/2006	
CURRENT Technologies, LLC	Power Line Communication Device and Method	US		11/423,206	6/9/2006	
CURRENT Technologies, LLC	Power Line Communication Device and Method	US		11/462,123	8/3/2006	

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CURRENT Technologies, LLC	System and Method for Providing Dynamically Configurable Wireless Communication Network	US		11/464085	8/11/2006	
CURRENT Technologies, LLC	System and Method for Modifying the Communication Frequency Band of a Power Line Communication Device	US		11/467,707	8/28/2006	
CURRENT Technologies, LLC	Power Line Communication System and Method	US		11/467,591	8/28/2006	
CURRENT Technologies, LLC	to a Digital Photo Frame	US		11/555740	11/2/2006	
CURRENT Technologies, LLC	Power Line Communications Device and Method of Use	US		11/608,550	12/8/2006	
CURRENT Technologies, LLC	Power Line Communication System Interface Device and Method	US		11/610,026	12/13/2006	
CURRENT Technologies, LLC	Power Line Communications Module and Method	PCT		PCT/US07/61023	1/25/2007	
CURRENT Technologies, LLC	System Device and Method for Communicating over a Power Line	US		60/893,090	3/5/2007	

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CURRENT Technologies, LLC	System and Method for Communicating in a Multi-Unit Structure	US		11/693,980	3/30/2007	
CURRENT Technologies, LLC	Data Communication Over a Power Line	US		11/696,896	4/5/2007	
CURRENT Technologies, LLC	Power Distribution System Power Factor Correction System and Method	US		11/747,454	5/11/2007	
CURRENT Technologies, LLC	Power Line Communications Module and Method	US		11/750,058	5/17/2007	
CURRENT Technologies, LLC	System and Method for Communicating in a Multi-Unit Structure	PCT		PCT/US07/69872	5/29/2007	
CURRENT Technologies, LLC	Power Line Communication Device and Method	PCT		PCT/US07/69938	5/30/2007	
CURRENT Technologies, LLC	System and Method for Detecting Distribution Transformer Overload	US		11/756,858	6/1/2007	
CURRENT Technologies, LLC	Automated Meter Reading Power Line Communication System And Method	US		11/763,147	6/14/2007	
CURRENT Technologies, LLC	Power Line Communication Apparatus and Method of Using the Same	US		11/763,899	6/15/2007	

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CURRENT Technologies, LLC	Power Line Communication Attenuation Device and Method	US		11/766,277	6/21/2007	
CURRENT Technologies, LLC	Power Line Coupling Device and Method	US		11/768,871	6/26/2007	
CURRENT Technologies, LLC	Power Theft Detection System and Method	US		11/775,209	7/9/2007	
CURRENT Technologies, LLC	System and Method for Determining Distribution Transformer Efficiency	US		11/775,205	7/9/2007	
CURRENT Technologies, LLC	Power Line Communications System and Method	US		11/831,184	7/31/2007	
CURRENT Technologies, LLC	Power Line Communication Device and Method with Frequency Shifted Modem	PCT		PCT/US07/76698	8/24/2007	
CURRENT Technologies, LLC	of a Medium Voltage Power Line	US		11/846,332	8/28/2007	
CURRENT Technologies, LLC	Power Line Communications Coupling Device and Method	US		11/862353	9/27/2007	

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CURRENT Technologies, LLC	Power Meter Bypass Device and Method for a Power Line Communications System	US		11/871,218	10/12/2007	
CURRENT Technologies, LLC	Power Line Communication Device and Method of Using the Same	US		11/873,208	10/16/2007	
CURRENT Technologies, LLC	Power Line Communication and Power Distribution Parameter Measurement System and Method	PCT		PCT/US07/82759	10/28/2007	
CURRENT Technologies, LLC	Power Theft Detection System and Method	PCT		PCT/US07/82760	10/28/2007	
CURRENT Technologies, LLC	Power Distribution System Power Factor Correction System and Method	PCT		PCT/US07/82761	10/28/2007	
CURRENT Technologies, LLC	System and Method for Detecting Distribution Transformer Overload	PCT		PCT/US07/82762	10/28/2007	
CURRENT Technologies, LLC	System and Method for Determining Distribution Transformer Efficiency	PCT		PCT/US07/82763	10/28/2007	
CURRENT Technologies, LLC	System and Method for Determining the Impedance	US		11/936,275	11/7/2007	

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CURRENT Technologies, LLC	System and Method for Establishing Communications with an Electronic Meter	PR		60/986,340	11/8/2007	
CURRENT Technologies, LLC	System and Method for Delivering Utility Usage Information and Other Content	US		11/967,914	12/31/2007	
CURRENT Technologies, LLC	System and Method for Determining Power Line Equipment Degradation	PR		61/022,466	1/21/2008	
CURRENT Technologies, LLC	System, Method and Computer Program Product for Providing Demand Response Functionality via a Power Line	PR		61/022,464	1/21/2008	
CURRENT Technologies, LLC	System and Method for Providing Power Line Distribution System Information	PR		61/022,469	1/21/2008	
CURRENT Technologies, LLC	Method and Apparatus for Communicating Power Distribution Event and Location	PR		61/022,462	1/21/2008	
CURRENT Technologies, LLC	Power Line Coupling Device and Method of Using the Same	PCT		PCT/US2004/001199	01/16/04	

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CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	BR		PI 0108032-6	01/19/2001	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	CA		2,397,954	01/19/2001	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	IS		150830	01/19/2001	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	JP		2001-553678	01/19/2001	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	MX		PA/a/2002/007139	01/19/2001	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Power Line Coupler for Inductively Coupling and Decoupling High-Frequency, High-Bandwidth Data Signals Directly On and Off of a High Voltage (1-100k VAC) Power Line	PR		60/268,578	02/14/01	
CURRENT Technologies, LLC	Data Communication Over A Power Line	CA		2437042	02/14/02	

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CURRENT Technologies, LLC	Data Communication Over A Power Line	NZ	527427	527427	02/14/02	11/10/2005
CURRENT Technologies, LLC	System and Method of Data Communication Over a Power Line	PCT	WO02/065747	PCT/US02/04310	02/14/02	8/22/2002
CURRENT Technologies, LLC	Data Communication Over A Power Line	BR		P10207488-5	02/14/02	
CURRENT Technologies, LLC	Data Communication Over A Power Line	EP		2718965.3	02/14/02	
CURRENT Technologies, LLC	Data Communication Over A Power Line	MX		2003-007148	02/14/02	
CURRENT Technologies, LLC	System and Method of Data Communication Over a Power Line with Inductive Coupling	PCT	WO02/065684	PCT/US02/04300	02/14/02	8/22/2002
CURRENT Technologies, LLC	Data Communication Over A Power Line	AU		2002250074	02/14/02	
CURRENT Technologies, LLC	System and Method for Communication Via Power Lines Using Ultra-Short Pulses	PR		60/189,341	03/15/01	
CURRENT Technologies, LLC	Power Line Communication Device and Method of Using the Same	PCT		PCT/US2004/14332	05/07/04	

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CURRENT Technologies, LLC	Device and Method for Communicating Data Signals Through Multiple Power Line Conductors	PCT		PCT/US2004/15349	05/13/04	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	BR		PI 9917 379.4	06/18/99	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	CA		2375884	06/18/99	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	EP		99930424.9	06/18/99	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	IS		147120	06/18/99	

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CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	JP		504604/01	06/18/99	
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	MX	233196	2001-013194	06/18/99	12/20/2005
CURRENT Technologies, LLC	Wireless Local Distribution System Using Standard Power Lines	PCT	WO00/79697	PCT/US99/13852	06/18/99	12/28/2000
CURRENT Technologies, LLC	A Power Line Communication System with Enhances Distribution Services	PR		60/390,251	06/20/02	
CURRENT Technologies, LLC	Fiber Optic Connection System and Method of Using the Same	PCT		PCT/US03/19569	06/20/03	
CURRENT Technologies, LLC	Broadband RF Signal Coupler for Medium Voltage Power Lines	PR		60/391,523	06/24/02	
CURRENT Technologies, LLC	Power Line Communications System and Method of Operating the Same	PCT		PCT/US04/21448	07/02/04	

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CURRENT Technologies, LLC	Power Line Communications System and Method of Operating the Same	PCT		PCT/04/21447	07/02/04	
CURRENT Technologies, LLC	Hybrid Coaxial PLC System	PR		60/484,856	07/03/03	
CURRENT Technologies, LLC	A Power Line Communication System and Method of Operating the Same	PR		60/511,260	10/15/03	
CURRENT Technologies, LLC	Power Line Communications System and method of Operating the Same	PCT		PCT/US2005/037854	10/21/05	
CURRENT Technologies, LLC	Power Line Communications Device and Method of Use	PCT		PCT/US2005/037610	10/21/05	
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	PCT		PCT/US03/39330	12/10/03	
CURRENT Technologies, LLC	A Power Line Communication System and Method of Using The Same	PCT		PCT/US03/39090	12/10/03	
CURRENT Technologies, LLC	A Power Line Communication System and Method of Operating the Same	PCT		PCT/US03/39093	12/10/03	

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CURRENT Technologies, LLC	A Power Line Communication System and Method	PCT		PCT/US03/39324	12/10/03	
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	BR		PI 01166883	12/14/01	
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	CA		2,431,494	12/14/01	
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	EP		1991037.1	12/14/01	
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	MX		2003-005313	12/14/01	
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	NZ	526374	526375	12/14/01	5/12/2005
CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	PCT	WO02/48750A3	PCT/US01/48064	12/14/01	6/20/2002
CURRENT Technologies, LLC	Interfacing Fiber Optic Data with Electrical Power Systems	AU		2002230794	12/14/01	

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CURRENT Technologies, LLC	Apparatus and Method for Providing a Fiber Optic Communications System Using Standard Power Lines as Final Distribution Medium	PR		60/255,735	12/15/00	
CURRENT Technologies, LLC	Power Line Communication System With Automated Meter Reading	EP		5853160.9	12/5/2005	
CURRENT Technologies, LLC	Power Line Communication System With Automated Meter Reading	PCT		PCT/US2005/044169	12/5/2005	
CURRENT Technologies, LLC	A Multi-Dwelling Unit Power Line Communications System and Method	PR		60/666,155	3/29/05	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	AU	2001255401	2001255401	4/16/01	12/1/2005
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	BR		PI-0110299-0	4/16/01	
CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	CA		2,406,224	4/16/01	

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CURRENT Technologies, LLC	Digital Communications Utilizing Medium Voltage Power Distribution Lines	EP		1928555	4/16/01	
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	AU		2003297774	5/6/05	
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	AU		2003297855	5/65/05	
CURRENT Technologies, LLC	Surface Wave Power Line Communications System and Method	AU		2005203624	8/12/05	
CURRENT Technologies, LLC	Method of Isolating Data in a Power Line Communication Network	AU		30989/01	01/19/2001	
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	BR		PI 03 17 227-9		
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	CA		2505442		
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	EP		3796924.3		
CURRENT Technologies, LLC	A Power Line Communication Over a Power Distribution System	MX		2005-005678		

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CURRENT Technologies, LLC	A Power Line Communication System and Method of Using The Same	CA		2505429		
CURRENT Technologies, LLC	A Power Line Communication System and Method of Operating the Same	BR		PI 03 17164-7		
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	CA		2505434		
CURRENT Technologies, LLC	Power Line Communication System and Method of Operating the Same	EP		3796842.7		
CURRENT Technologies, LLC	A Power Line Communication System and Method of Operating the Same	MX				
CURRENT Technologies, LLC	Power Line Communication System and Method	CA		2505439		

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RECORDED: 02/15/2008

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