

**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
SENSATA TECHNOLOGIES MASSACHUSETTS, INC.	04/30/2008

RECEIVING PARTY DATA

Name:	MORGAN STANLEY & CO. INCORPORATED
Street Address:	300 CADMAN PLAZA WEST
Internal Address:	ONE PIERREPONT PLAZA, 7TH FLOOR
City:	BROOKLYN
State/Country:	NEW YORK
Postal Code:	11201

PROPERTY NUMBERS Total: 117

Property Type	Number
Patent Number:	4715823
Patent Number:	4801273
Patent Number:	4812799
Patent Number:	4866408
Patent Number:	4894634
Patent Number:	4939495
Patent Number:	5003282
Patent Number:	5023586
Patent Number:	5053908
Patent Number:	5127150
Patent Number:	5139437
Patent Number:	5170307
Patent Number:	5200872
Patent Number:	5206622

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Patent Number:	5272427
Patent Number:	5274350
Patent Number:	5367282
Patent Number:	5402099
Patent Number:	5444590
Patent Number:	5497072
Patent Number:	5572104
Patent Number:	5607610
Patent Number:	5617001
Patent Number:	5627506
Patent Number:	5688128
Patent Number:	5690281
Patent Number:	5720231
Patent Number:	5723915
Patent Number:	5750277
Patent Number:	5765382
Patent Number:	5806440
Patent Number:	5807104
Patent Number:	5808539
Patent Number:	5816828
Patent Number:	5854585
Patent Number:	5861794
Patent Number:	5865639
Patent Number:	5870014
Patent Number:	5898555
Patent Number:	5903418
Patent Number:	5986535
Patent Number:	5995347
Patent Number:	6027355
Patent Number:	6045382
Patent Number:	6084193
Patent Number:	6097275
Patent Number:	6125024
Patent Number:	6169648
Patent Number:	6188033

Patent Number:	6204635
Patent Number:	6210824
Patent Number:	6220043
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Patent Number:	6317304
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Patent Number:	6350138
Patent Number:	6353526
Patent Number:	6402528
Patent Number:	6402537
Patent Number:	6412165
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Patent Number:	6480079
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Patent Number:	6495982
Patent Number:	6503647
Patent Number:	6547580
Patent Number:	6614247
Patent Number:	6642832
Patent Number:	6666691
Patent Number:	6674620
Patent Number:	6710695
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Patent Number:	6720856
Patent Number:	6749443
Patent Number:	6756876
Patent Number:	6795283
Patent Number:	6848928

Patent Number:	6851270
Patent Number:	6979788
Patent Number:	6980407
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Patent Number:	6995647
Patent Number:	7038896
Patent Number:	7061204
Patent Number:	7075403
Patent Number:	7088563
Patent Number:	7102481
Patent Number:	7109840
Patent Number:	7190561
Patent Number:	7190562
Patent Number:	7210970
Patent Number:	7217140
Patent Number:	7227729
Patent Number:	7240508
Patent Number:	7242291
Patent Number:	7245198
Patent Number:	7301434
Patent Number:	7304561
Application Number:	10361388
Application Number:	11250646
Application Number:	10227925
Application Number:	11284169
Application Number:	11610117
Application Number:	11407664
Application Number:	11320865
Application Number:	11391954
Application Number:	60896202
Application Number:	60886770
Application Number:	11463114
Application Number:	11733848

CORRESPONDENCE DATA

Fax Number: (646)848-4455  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
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Address Line 2: Shearman & Sterling LLP - IP Docketing  
Address Line 4: New York, NEW YORK 10022

ATTORNEY DOCKET NUMBER:	35613/12262
NAME OF SUBMITTER:	GLORIA JUNG

Total Attachments: 12  
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## PATENT SECURITY AGREEMENT

This Patent Security Agreement (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Patent Security Agreement**") dated April 30, 2008 is made by the Person listed on the signature pages hereof (the "**Grantor**") in favor of Morgan Stanley & Co. Incorporated, as collateral agent (the "**Collateral Agent**") for the Secured Parties (as defined in the Credit Agreement referred to below).

WHEREAS, SENSATA TECHNOLOGIES B.V., a private limited liability company (*besloten vennootschap met beperkte aansprakelijkheid*) incorporated under the laws of the Netherlands, SENSATA TECHNOLOGIES FINANCE COMPANY, LLC, a Delaware limited liability company, and SENSATA TECHNOLOGIES INTERMEDIATE HOLDING B.V., a private limited liability company (*besloten vennootschap met beperkte aansprakelijkheid*) incorporated under the laws of the Netherlands, have entered into a Credit Agreement dated as of April 27, 2006 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Credit Agreement**") with the Lenders party thereto and MORGAN STANLEY SENIOR FUNDING, INC., as administrative agent.

WHEREAS, as a condition precedent to (i) the making of the Loans, (ii) the issuance of Letters of Credit by the Lenders under the Credit Agreement, (iii) the Bilateral Obligations provided by the Lenders or their Affiliates from time to time and (iv) the entry into Secured Hedge Agreements by the Hedge Banks from time to time, each Grantor has executed and delivered that certain Domestic Security Agreement dated as of April 27, 2006 made by the Grantors to the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the "**Security Agreement**"). Terms defined in the Security Agreement and not otherwise defined herein are used herein as defined in the Security Agreement.

WHEREAS, under the terms of the Security Agreement, the Grantor has granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain Patents of the Grantor constituting Material Intellectual Property Collateral, and has agreed as a condition thereof to execute this Patent Security Agreement for recording with the U.S. Patent and Trademark Office and any other appropriate governmental authorities.

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

Section 1. Grant of Security. The Grantor hereby grants to the Collateral Agent for the ratable benefit of the Secured Parties a continuing security interest in all of such Grantor's right, title and interest in and to the following (all of the following items or types of property being herein collectively referred to as the "**Patent Collateral**"), whether now owned or existing or hereafter acquired or arising:

- (i) each Patent constituting Material Intellectual Property Collateral owned by the Grantor, including, without limitation, each Patent referred to in Schedule 1 hereto;
- (ii) all issuances and applications for registration for any of the foregoing, together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof;

(iii) 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; and

(iv) 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 foregoing, including, without limitation, all Proceeds of and revenues from 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, all proceeds and damages relating thereto.

Section 2. Recordation. The Grantor authorizes and requests that the Commissioner for Patents and any other applicable government officer record this Patent Security Agreement.

Section 3. Execution in Counterparts. This Patent 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.

Section 4. Grants, Rights and Remedies. This Patent Security Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the U.S. Patent and Trademark Office. The security interest granted hereby has been granted to the Collateral Agent in connection with the Security Agreement and is expressly subject to the terms and conditions thereof and does not modify its terms or conditions or create any additional rights or obligations for any party thereto or hereto. The Security Agreement (and all rights and remedies of the Collateral Agent thereunder) shall remain in full force and effect in accordance with its terms.

Section 5. Governing Law. This Patent Security Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

*[Signature Page Follows]*

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

SENSATA TECHNOLOGIES MASSACHUSETTS,  
INC.

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

Name: Jeffrey Cote

Title: Chief Financial Officer and Treasurer



PATENTS AND DESIGN PATENTS

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
4,715,823	12/29/1987	US	I.C. TEST SOCKET
4,891,273	1/31/1989	US	SOCKET
4,812,799	3/14/1989	US	MINIATURE CIRCUIT BREAKER WITH IMPROVED LONGEVITY
4,866,408	9/12/1989	US	MULTIPHASE MOTOR PROTECTOR APPARATUS
4,894,634	1/16/1990	US	A SWITCH DEVICE
4,939,493	7/3/1990	US	CIRCUIT BREAKER WITH AUXILIARY STATUS INDICATING SWITCH
5,003,282	3/26/1991	US	TRIP FREE/RESET FREE MANUAL RESET
5,023,586	6/11/1991	US	HERMETIC MOTOR PROTECTOR
5,053,908	10/1/1991	US	PSC MOTOR START SYSTEM
5,127,159	7/7/1992	US	HERMETIC MOTOR PROTECTOR
5,139,437	8/18/1992	US	SOCKET
5,170,307	12/8/1992	US	MOUNTING APPARATUS FOR ELECTRICAL MOTOR CONTROL COMPONENTS
5,200,872	4/6/1993	US	INTERNAL PROTECTION CIRCUIT FOR ELECTRICALLY DRIVEN DEVICE
5,286,622	4/27/1993	US	PROTECTOR DEVICE WITH IMPROVED BIMETAL CONTACT ASSEMBLY AND METHOD OF MAKING
5,272,427	12/21/1993	US	FURNACE CONTROL APPARATUS
5,274,330	12/28/1993	US	SHUNT APPARATUS FOR CURRENT SENSING AND POWER HYBRID CIRCUITS
5,367,282	11/22/1994	US	ELECTRIC MOTOR PROTECTOR SENSOR
5,402,099	3/28/1995	US	ELECTRICAL SWITCHES USING SUCH MEMBERS
5,444,590	8/22/1995	US	SOLID STATE POWER CONTROLLER WITH POWER SWITCH PROTECTION APPARATUS
5,497,072	3/5/1996	US	SOLID STATE POWER CONTROLLER WITH POWER SWITCH PROTECTION APPARATUS
5,572,104	11/5/1996	US	FURNACE CONTROL APPARATUS
5,607,610	3/1/1997	US	COMPACT PROTECTOR
5,617,001	4/1/1997	US	SWITCHING DEVICE
5,627,506	3/6/1997	US	OVERLOAD PROTECTOR
5,688,128	11/18/1997	US	DETACHABLE SOCKET FOR AN IC CHIP
5,690,281	11/25/1997	US	SOCKET APPARATUS
5,720,231	2/24/1998	US	INDUCED DRAFT FAN CONTROL FOR USE WITH GAS FURNACES
5,723,915	3/3/1998	US	SOLID STATE POWER CONTROLLER
5,750,277	5/12/1998	US	CURRENT INTERRUPTER FOR ELECTROCHEMICAL CELLS
5,765,382	6/16/1998	US	ADAPTIVE DEFROST SYSTEM
5,806,490	9/15/1988	US	INDUCED DRAFT FAN CONTROL FOR USE WITH GAS FURNACES
5,807,104	9/15/1998	US	TEST SOCKET FOR DETACHABLE IC CHIP

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
5,808,539	9/15/1998	US	TEMPERATURE RESPONSIVE SNAP ACTING CONTROL ASSEMBLY, DEVICE USING SUCH ASSEMBLY AND METHOD FOR MAKING
5,816,828	10/6/1998	US	SOCKET
5,854,985	12/29/1998	US	MANUAL RESET ELECTRICAL EQUIPMENT PROTECTOR APPARATUS
5,861,794	1/19/1999	US	THERMAL CIRCUIT BREAKER APPARATUS
5,865,639	2/2/1999	US	BURN-IN TEST SOCKET
5,870,014	2/9/1999	US	THERMALLY ACTUATABLE AUXILIARY ELECTRICAL SWITCH APPARATUS
5,898,595	4/27/1999	US	OVERLOAD PROTECTOR WITH OVERCURRENT AND OVER TEMPERATURE PROTECTION
5,903,418	5/11/1999	US	OVERCURRENT PROTECTION APPARATUS FOR REFRIGERATION AND AIR CONDITIONING COMPRESSOR SYSTEMS
5,986,535	11/16/1999	US	IMPROVED LOW COST THERMOSTAT APPARATUS AND METHOD FOR CALIBRATING SAME
5,995,347	11/30/1999	US	METHOD AND APPARATUS FOR MULTI-FUNCTION ELECTRONIC MOTOR PROTECTION
6,027,355	2/22/2000	US	SOCKET APPARATUS FOR REMOVABLY LOADING ELECTRIC PARTS
6,045,382	4/4/2000	US	SOCKET APPARATUS FOR IC PACKAGES
6,084,193	7/4/2000	US	APPARATUS INCLUDING AN ARC
6,097,275	8/1/2000	US	MOTOR STARTING AND PROTECTOR APPARATUS
6,125,024	9/26/2000	US	PROTECTION APPARATUS AND METHOD FOR MAKING EXTERNALLY PROGRAMMABLE SOLID-STATE POWER CONTROLLER WITH POWER SWITCH
6,169,648	1/2/2001	US	ELECTRONIC MOTOR PROTECTION SYSTEM
6,188,093	2/13/2001	US	SNAP-ACTING ELECTRICAL SWITCH
6,204,635	3/26/2001	US	CURRENT INTERRUPT APPARATUS PARTICULARLY ADAPTED FOR USE WITH PRISMATIC ELECTROCHEMICAL CELLS
6,210,824	4/3/2001	US	CURRENT INTERRUPT APPARATUS FOR ELECTROCHEMICAL CELLS
6,220,043	4/24/2001	US	APPARATUS AND METHOD FOR CONTROL OF A HEAT PUMP SYSTEM
6,229,426	5/8/2001	US	CIRCUIT BREAKER HAVING SELECTED AMBIENT TEMPERATURE SENSITIVITY
6,237,496	5/29/2001	US	DIFFERENTIAL OIL PRESSURE CONTRL. APPARATUS
6,244,515	6/12/2001	US	UNIVERSAL TWO STAGE GAS FURNACE IGNITION CONTROL APPARATUS AND METHOD
6,276,969	8/31/2001	US	TERMINAL CONNECTOR FOR SEALED ELECTROMOTIVE COMPRESSORS
6,286,219	8/28/2001	US	SOCKET APPARATUS FOR IC PACKAGES
6,287,127	9/11/2001	US	ELECTRICAL SOCKET APPARATUS
6,317,394	11/13/2001	US	AN ASSEMBLY OF ELECTRIC MOTOR-CONTROLLING COMPONENTS
6,322,344	11/27/2001	US	ELECTRICAL SOCKET APPARATUS
6,350,138	2/26/2002	US	CONDUCTIVE TERMINALS SUCH AS BGA PACKAGES
6,353,526	3/5/2002	US	CIRCUIT BREAKER HAVING SELECTED AMBIENT TEMPERATURE SENSITIVITY
6,402,528	6/11/2002	US	ELECTRONIC PART MOUNTING DEVICE

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
6,492,537	6/11/2002	US	SOCKET FOR REMOVABLY MOUNTING AN ELECTRONIC PART
6,412,165	7/2/2002	US	TEMPERATURE RESPONSIVE SNAP ACTING CONTROL ASSEMBLY, DEVICE USING SUCH ASSEMBLY AND METHOD FOR MAKING
6,433,975	8/13/2002	US	MOTOR PROTECTOR APPARATUS
6,439,897	8/27/2002	US	SOCKET APPARATUS FOR REMOVABLY MOUNTING ELECTRONIC PACKAGES WITH IMPROVED CONTACTING SYSTEM
6,450,409	9/17/2002	US	METHOD AND APPARATUS FOR WIRING ROOM THERMOSTAT TO TWO STAGE HVAC SYSTEM
6,480,079	11/12/2002	US	ELECTRICAL CIRCUIT BREAKER DEVICE
6,483,418	11/19/2002	US	CREEP ACTING MINIATURE THERMOSTATIC ELECTRICAL SWITCH MEMBER USED THEREWITH
6,493,982	12/17/2002	US	ELECTRIC MOTOR CONTROL
6,503,047	1/7/2003	US	BATTERY PROTECTION DEVICE AND METHOD OF MAKING SAME
6,547,580	4/15/2003	US	SOCKET APPARATUS PARTICULARLY ADAPTED FOR LGA TYPE SEMICONDUCTOR DEVICES
6,614,247	9/2/2003	US	SOCKET APPARATUS AND METHOD FOR REMOVABLY MOUNTING AN ELECTRONIC PACKAGE
6,642,832	11/4/2003	US	ARC RESPONSIVE THERMAL CIRCUIT BREAKER
6,666,691	12/23/2003	US	SOCKET FOR REMOVABLY MOUNTING ELECTRONIC PACKAGES
6,674,620	1/6/2004	US	HERMETIC SINGLE PHASE MOTOR PROTECTOR
6,710,695	3/23/2004	US	AIRCRAFT CIRCUIT BREAKER WITH MANUAL OPENING RESISTANT FEATURE
6,720,749	4/13/2004	US	THREE-PHASE MOTOR PROTECTOR APPARATUS
6,720,856	4/13/2004	US	CALIBRATION STRUCTURE FOR CIRCUIT BREAKERS HAVING METALLIC TRIP MEMBER
6,749,443	6/15/2004	US	SOCKET FOR MOUNTING AN ELECTRONIC DEVICE
6,756,876	6/29/2004	US	CIRCUIT INTERRUPTER AND METHOD
6,795,283	9/21/2004	US	ELECTRICALS PACKAGE INTEGRATING RUN CAPACITOR, RUN PROTECTOR AND MOTOR STARTER
6,848,928	2/1/2005	US	SOCKET
6,891,270	2/8/2005	US	INTEGRATED REFRIGERATION CONTROL
6,879,788	12/27/2005	US	ELECTRICAL SWITCH SYSTEM RESPONSIVE TO GEAR SELECTION OF VEHICULAR TRANSMISSION
6,980,407	12/27/2005	US	ABC DETECTION APPARATUS AND METHOD
6,982,400	1/3/2006	US	ELECTRICAL HEATER APPARATUS
6,995,647	2/7/2006	US	LOW CURRENT ELECTRIC MOTOR PROTECTOR
7,038,896	5/2/2006	US	SOLID STATE MOTOR PROTECTOR
7,061,204	6/13/2006	US	A MOTOR STARTER DEVICE HAVING REDUCED POWER CONSUMPTION
7,075,403	7/11/2006	US	MOTOR PROTECTOR PARTICULARLY USEFUL WITH HERMETIC ELECTROMOTIVE COMPRESSORS
7,088,543	8/8/2006	US	INTERNAL MOTOR PROTECTOR FOR HERMETIC COMPRESSOR
7,162,481	9/5/2006	US	LOW CURRENT MOTOR PROTECTOR
7,109,840	9/19/2006	US	PROTECTOR FOR ELECTRICAL APPARATUS
7,196,561	3/13/2007	US	APPARATUS FOR DETECTING ABC FAULTS
7,190,582	3/13/2007	US	APPARATUS AND METHOD FOR DETECTING ABC FAULTS
7,210,979	5/1/2007	US	CIRCUIT BREAKER WITH IMPROVED CONNECTOR SOCKET

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
7,217,160	5/15/2007	US	CONTACT ASSEMBLY AND SOCKET FOR USE WITH SEMICONDUCTOR PACKAGES
7,227,729	6/5/2007	US	ARC FAULT DETECTION TECHNIQUE
7,230,508	7/10/2007	US	CONNECTING PACKAGE FOR REFRIGERATOR COMPRESSOR
7,242,391	7/10/2007	US	ARC FAULT CIRCUIT INTERRUPTER TEST CIRCUIT AND TEST BOARD
7,245,198	7/17/2007	US	MOTOR START RELAY AND AN ELECTRIC COMPRESSOR USING SAME
7,301,434	11/27/2007	US	THERMALLY RESPONSIVE ELECTRICAL SWITCH
7,304,581	12/4/2007	US	MOTOR OVERLOAD PROTECTOR
1282193	6/1/2007	TW	SOCKET FOR MOUNTING AN ELECTRONIC DEVICE
1268014	12/12/06	TW	SOCKET FOR REMOVABLY MOUNTING ELECTRONIC PACKAGES
99030	11/11/1998	TW	SOCKET APPARATUS
106225	12/30/1999	TW	SOCKET APPARATUS
107334	1/25/2000	TW	SOCKET APPARATUS FOR IC PACKAGES
118325	12/5/2000	TW	SOCKET APPARATUS FOR REMOVABLY LOADING ELECTRIC PARTS
156393	9/19/2002	TW	ELECTRICAL SOCKET APPARATUS
159453	11/7/2002	TW	CONDUCTIVE TERMINALS SUCH AS BGA PACKAGES
158666	11/10/2002	TW	CREEP ACTING MINIATURE THERMOSTATIC ELECTRICAL SWITCH MEMBER USED THEREWITH
191394	3/22/2004	TW	BURN-IN TEST SOCKET
192966	4/14/2004	TW	SOCKET APPARATUS AND METHOD FOR REMOVABLY MOUNTING AN ELECTRONIC PACKAGE
195412	5/18/2004	TW	ELECTRICAL SOCKET APPARATUS
206921	11/4/2004	TW	SOCKET APPARATUS PARTICULARLY ADAPTED FOR LGA TYPE SEMICONDUCTOR DEVICES
194892	8/14/1993	NL	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
66893	10/26/1993	KR	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
312058	10/5/2001	KR	SOCKET APPARATUS FOR IC PACKAGE TESTING
339285	5/22/2002	KR	SOCKET
372793	2/5/2003	KR	SOCKET APPARATUS
380669	4/3/2003	KR	SOCKET APPARATUS FOR REMOVABLY LOADING ELECTRIC PARTS
385352	5/14/2003	KR	SOCKET
466483	1/6/2005	KR	SOCKET APPARATUS FOR IC PACKAGES
503996	7/19/2005	KR	BURN-IN TEST SOCKET
508135	8/4/2005	KR	MOTOR STARTING AND PROTECTOR APPARATUS
510905	8/19/2005	KR	SOCKET APPARATUS
596077	6/26/2006	KR	OVERCURRENT PROTECTION APPARATUS FOR REFRIGERATION AND AIR CONDITIONING COMPRESSOR SYSTEMS
603222	7/13/2006	KR	MOTOR PROTECTOR APPARATUS
642094	10/27/2006	KR	CONDUCTIVE TERMINALS SUCH AS BGA PACKAGES
651923	11/23/2006	KR	ELECTRICAL SOCKET APPARATUS
654262	11/29/2006	KR	ELECTRICAL SOCKET APPARATUS

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
668397	1/8/2007	KR	SOCKET APPARATUS FOR IC PACKAGES
709951	4/16/2007	KO	ELECTRIC MOTOR CONTROL
2108983	11/21/1996	JP	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
2744838	2/6/1998	JP	TRIP FREE/RESET FREE MANUAL RESET
3072078	5/26/2000	JP	BURN-IN TEST SOCKET
3231840	9/14/2001	JP	MOUNTING APPARATUS FOR ELECTRICAL MOTOR CONTROL COMPONENTS
600751	11/19/1997	IT	PROTECTION APPARATUS AND METHOD FOR MAKING EXTERNALLY PROGRAMMABLE SOLID STATE POWER CONTROLLER WITH POWER SWITCH
194892	8/4/1993	GB	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
406611	5/29/1996	GB	TRIP FREE/RESET FREE MANUAL RESET
600751	11/19/1997	GB	PROTECTION APPARATUS AND METHOD FOR MAKING EXTERNALLY PROGRAMMABLE SOLID STATE POWER CONTROLLER WITH POWER SWITCH
676786	2/17/1999	GB	COMPACT PROTECTOR
890967	10/6/2004	GB	MOTOR STARTING AND PROTECTOR APPARATUS
1014243	5/26/2004	GB	DIFFERENTIAL OIL PRESSURE CONTROL APPARATUS
1429360	4/26/2006	GB	SOLID STATE MOTOR PROTECTOR
600751	11/19/1997	FR	PROTECTION APPARATUS AND METHOD FOR MAKING EXTERNALLY PROGRAMMABLE SOLID STATE POWER CONTROLLER WITH POWER SWITCH
676786	2/17/1999	FR	COMPACT PROTECTOR
699038	10/13/1999	FR	SOCKET APPARATUS
890967	10/6/2004	FR	MOTOR STARTING AND PROTECTOR APPARATUS
1014243	5/26/2004	FR	DIFFERENTIAL OIL PRESSURE CONTROL APPARATUS
1429360	4/26/2006	FR	SOLID STATE MOTOR PROTECTOR
3688809.1	8/4/1993	DE	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
64304809.9-08	4/26/2006	DE	SOLID STATE MOTOR PROTECTOR
69027153	5/29/1996	DE	TRIP FREE/RESET FREE MANUAL RESET
69315308.3-08	11/19/1997	DE	PROTECTION APPARATUS AND METHOD FOR MAKING EXTERNALLY PROGRAMMABLE SOLID STATE POWER CONTROLLER WITH POWER SWITCH
69507898.8	2/17/1999	DE	COMPACT PROTECTOR
69512730.6-08	10/13/1999	DE	SOCKET APPARATUS
69826776.1	10/6/2004	DE	MOTOR STARTING AND PROTECTOR APPARATUS
69917577.1	5/26/2004	DE	DIFFERENTIAL OIL PRESSURE CONTROL APPARATUS
Z1.2006200033133	3/23/2007	CN (U)	TEMPERATURE PROTECTOR
Z1.2006200033129	2/28/2007	CN (U)	THERMAL PROTECTOR
Z1.200620122330	1/24/2007	CN (U)	MOTOR OVERLOAD PROTECTOR
Z1.01244829.X	3/27/2002	CN	MINIATURE MOTOR PROTECTOR COMPLETELY SEALED
Z1.200310113879.2	11/29/2006	CN	MOTOR PROTECTOR PARTICULARLY USEFUL WITH HERMETIC ELECTROMOTIVE COMPRESSORS
Z1.01125731.2	7/8/2005	CN	CREEP ACTING MINIATURE THERMOSTATIC ELECTRICAL SWITCH MEMBER USED THEREWITH

<u>Patent No.</u>	<u>Issued</u>	<u>Country</u>	<u>Title</u>
ZL02107937.4	3/29/2006	CN	PROTECTOR DEVICE
ZL98115644.4	3/10/2004	CN	MOTOR STARTING AND PROTECTOR APPARATUS
ZL99102456.7	10/13/2004	CN	OVERCURRENT PROTECTION APPARATUS FOR REFRIGERATION AND AIR CONDITIONING COMPRESSOR SYSTEMS
1246129	12/6/1988	CA	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR
S91391	3/30/1990	AU	PROTECTED REFRIGERATOR COMPRESSOR MOTOR SYSTEMS AND MOTOR PROTECTORS THEREFOR

### PATENT APPLICATIONS

<u>Case No.</u>	<u>Serial No.</u>	<u>Country</u>	<u>Date</u>	<u>Filing Title</u>
A41817	10/361,388	US	2/10/2003	OVER-VOLTAGE SECONDARY BATTERY PROTECTOR AND SYSTEM USING SAME
A41826	11/250,646	US	10/14/2005	ELECTRICAL DEVICES HAVING A PLURALITY OF CURRENT RATINGS
A41837	10/227,925	US	8/26/2002	BURN-IN TEST SOCKET
A42297	11/204,169	US	11/21/2005	THERMAL CIRCUIT BREAKER
A42315	11/610,117	US	12/13/2006	MODIFIED RESET MOTOR PROTECTOR
A42402	11/407,664	US	4/20/2006	THERMALLY ACTIVATED CIRCUIT INTERRUPTER
A42495	11/320,865	US	12/29/2005	LOW COST ABC FAULT DETECTION TECHNIQUE
A42413	11/591,954	US	3/29/2006	METHODS OF DETECTING ARC FAULTS CHARACTERIZED BY CONSECUTIVE PERIODS OF ARCING
A42427	60/896,202	US	3/27/2007	ARC FAULT DETECTION IN THE PRESENCE OF A COMMON SOURCE IMPEDANCE
A42466	60/886,770	US	1/26/2007	MOTOR PROTECTOR ATTACHMENT SYSTEM
A42485	11/463,114	US	8/8/2006	BURN-IN SOCKETS FOR BGA IC DEVICES HAVING AN INTEGRATED SLIDER WITH FULL BALL GRID COMPATIBILITY
A42556	11/733,843	US	4/11/2007	THERMAL PROTECTION DEVICE
A42485	96125621	TW	6/29/2007	BURN-IN SOCKETS FOR BGA IC DEVICES HAVING AN INTEGRATED SLIDER WITH FULL BALL GRID COMPATIBILITY
A41491	10-2001-0043206	KR	8/14/2001	CREEP ACTING MINIATURE THERMOSTATIC ELECTRICAL SWITCH MEMBER USED THEREWITH
A41525	10-2002-0021182	KR	4/18/2002	ELECTRICALS PACKAGE INTEGRATING RUN CAPACITOR, BUN PROTECTOR AND MOTOR STARTER
A41699	10-2001-08791	KR	11/6/2001	SOCKET FOR REMOVABLY MOUNTING AN ELECTRONIC PART
A41711	10-2001-0065642	KR	10/24/2001	SOCKET APPARATUS AND METHOD FOR REMOVABLY MOUNTING AN ELECTRONIC PACKAGE
A41812	10-2002-0057749	KR	9/24/2002	SOCKET APPARATUS PARTICULARLY ADAPTED FOR LGA TYPE SEMICONDUCTOR DEVICES
A41831	10-2002-0080689	KR	12/17/2002	SOCKET FOR MOUNTING AN ELECTRONIC DEVICE
A41837	10-2002-0054821	KR	9/11/2002	BURN-IN TEST SOCKET
A41838	10-2002-0055662	KR	9/13/2002	SOCKET FOR REMOVABLY MOUNTING ELECTRONIC PACKAGES
A41883	10-2002-0074660	KR	11/28/2002	SOCKET

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A42015	10-2005-0083148	KR	9/7/2003	APPARATUS AND METHOD FOR DETECTING ARC FAULTS
A42023	10-2003-0071821	KR	10/13/2003	MOTOR PROTECTOR PARTICULARLY USEFUL WITH HERMETIC ELECTROMOTIVE COMPRESSORS
A42082	10-2004-0109787	KR	12/3/2004	LOW CURRENT ELECTRIC MOTOR PROTECTOR
A42146	10-2004-0067405	KR	8/26/2004	MOTOR START RELAY AND AN ELECTRIC COMPRESSOR USING SAME
A42172	10-2005-0045076	KR	5/27/2005	PROTECTOR FOR ELECTRICAL APPARATUS
A42215	10-2004-0015296	KR	2/24/2005	A MOTOR STARTER DEVICE HAVING REDUCED POWER CONSUMPTION
A42391	10-2005-0072897	KR	8/9/2005	MOTOR OVERLOAD PROTECTOR
A42405	10-2006-0135709	KR	12/27/2006	LOW COST ARC FAULT DETECTION TECHNIQUE
A42413	10-2007-0030253	KR	3/24/2007	METHODS OF DETECTING ARC FAULTS CHARACTERIZED BY CONSECUTIVE PERIODS OF ARCING
A42438	10-2007-0046169	KR	5/11/2007	THERMALLY RESPONSIVE ELECTRICAL SWITCH
A42466	10-2008-0007106	KR	1/23/2008	MOTOR PROTECTOR ATTACHMENT SYSTEM
A42485	10-2007-0079017	KR	8/7/2007	BURN-IN SOCKETS FOR BGA IC DEVICES HAVING AN INTEGRATED SLIDER WITH FULL BALL GRID COMPATIBILITY
A41624	10-2003-00888877	KO	12/9/2003	ARC DETECTION APPARATUS AND METHOD
A41711	2001-288060	JP (DP)	9/21/2001	SOCKET APPARATUS AND METHOD FOR REMOVABLY MOUNTING AN ELECTRONIC PACKAGE
A41104	45055/99	JP	2/23/1999	OVERCURRENT PROTECTION APPARATUS FOR REFRIGERATION AND AIR CONDITIONING COMPRESSOR SYSTEMS
A41491	2001-248013	JP	8/17/2001	CREEP ACTING MINIATURE THERMOSTATIC ELECTRICAL SWITCH MEMBER USED THEREWITH
A41536	2001-373464	JP	12/7/2001	ARC RESPONSIVE THERMAL CIRCUIT BREAKER
A41624	2003-408355	JP	12/8/2003	ARC DETECTION APPARATUS AND METHOD
A41707	2002-275334	JP	9/20/2002	CIRCUIT INTERRUPTER AND METHOD
A41862	2003-414157	JP	12/12/2003	SOLID STATE MOTOR PROTECTOR
A42015	2005-239999	JP	9/8/2005	APPARATUS AND METHOD FOR DETECTING ARC FAULTS
A42082	2004-349509	JP	12/2/2004	LOW CURRENT ELECTRIC MOTOR PROTECTOR
A42172	2005-153205	JP	5/26/2005	PROTECTOR FOR ELECTRICAL APPARATUS
A42301	2005-257330	JP	9/6/2005	MOTOR OVERLOAD PROTECTOR
A42405	2006-250912	JP	12/27/2006	LOW COST ARC FAULT DETECTION TECHNIQUE
A42413	2007-82006	JP	3/27/2007	METHOD OF DETECTING ARC FAULTS CHARACTERIZED BY CONSECUTIVE PERIODS OF ARCING
A42438	2007-123890	JP	5/16/2007	THERMALLY RESPONSIVE ELECTRICAL SWITCH
A42485	2007-205159	JP	8/7/2007	BURN-IN SOCKETS FOR BGA IC DEVICES HAVING AN INTEGRATED SLIDER WITH FULL BALL GRID COMPATIBILITY
A42538	2007-05535	JP	1/15/2007	SOCKET FOR SEMICONDUCTOR DEVICE
A42539	2007-02182	JP	3/2/2007	SOCKET
A42579	2007-147590	JP	6/4/2007	SOCKET FOR MOUNTING BGA
A42580	2007-126706	JP	5/11/2007	PROTECTOR
A42584	2007-010420	JP	4/19/2007	SOCKET
A42587	2007-179444	JP	7/9/2007	IC SOCKET ADAPTER

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A42588	2007-118888	JP	4/27/2007	PROBE PIN AND SOCKET USING SAME
A42082	1288/CHD/2004	IN	12/1/2004	LOW CURRENT ELECTRIC MOTOR PROTECTOR
A42301	9918/HE/2005	IN	7/23/2005	MOTOR OVERLOAD PROTECTOR
A41586	1310252	EP	12/7/2004	ARC RESPONSIVE THERMAL CIRCUIT BREAKER
A41624	3257479	EP	11/27/2003	ARC DETECTION APPARATUS AND METHOD
A41707	2256854.3	EP	9/20/2002	CIRCUIT INTERRUPTER AND METHOD
A43015	5254787.4	EP	7/9/2005	APPARATUS AND METHOD FOR DETECTING ARC FAULTS
A42082.1	7001741.3	EP	1/26/2007	LOW CURRENT ELECTRIC MOTOR PROTECTOR
A42172	5252829.6	EP	5/9/2005	PROTECTOR FOR ELECTRICAL APPARATUS
A42215	5251063.3	EP	2/23/2005	A MOTOR STARTER DEVICE HAVING REDUCED POWER CONSUMPTION
A42287	6252672.8	EP	5/23/2006	ARC FAULT CIRCUIT INTERRUPTER TEST CIRCUIT AND TEST BOARD
A42301	5254746	EP	7/28/2005	MOTOR OVERLOAD PROTECTOR
A42345	6254104	EP	8/4/2006	ARC FAULT DETECTION TECHNIQUE
A42388	7250813.8	EP	2/27/2007	CIRCUIT BREAKER WITH IMPROVED CONNECTOR SOCKET
A42405	6256254.1	EP	12/07/2006	LOW COST ARC FAULT DETECTION TECHNIQUE
A42413	7250788.8	EP	2/23/2007	METHODS OF DETECTING ARC FAULTS CHARACTERIZED BY CONSECUTIVE PERIODS OF ARCING
A42438	7251844.2	EP	5/2/2007	THERMALLY RESPONSIVE ELECTRICAL SWITCH
A41525	2118113.6	CN	4/19/2002	ELECTRICALS PACKAGE INTEGRATING RUN CAPACITOR, RUN PROTECTOR AND MOTOR STARTER
A41624	200510120219.7	CN	12/9/2003	ARC DETECTION APPARATUS AND METHOD
A41624.1	200710160832.8	CN	10/17/2007	ARC DETECTION APPARATUS AND METHOD
A42015	200510103736.2	CN	9/8/2005	APPARATUS AND METHOD FOR DETECTING ARC FAULTS
A42082	200410098345.1	CN	12/3/2004	LOW CURRENT ELECTRIC MOTOR PROTECTOR
A42172	200510074399.9	CN	5/26/2005	PROTECTOR FOR ELECTRICAL APPARATUS
A42215	200510009504	CN	2/22/2005	A MOTOR STARTER DEVICE HAVING REDUCED POWER CONSUMPTION
A42301	200510104078.9	CN	9/15/2005	MOTOR OVERLOAD PROTECTOR
A42318	200610009367.5	CN	2/28/2006	CONTACT ASSEMBLY AND SOCKET FOR USE WITH SEMICONDUCTOR PACKAGES
A42405	200610171296.9	CN	12/28/2006	LOW COST ARC FAULT DETECTION TECHNIQUE
A42413	200710091879.8	CN	3/28/2007	METHODS OF DETECTING ARC FAULTS CHARACTERIZED BY CONSECUTIVE PERIODS OF ARCING
A42438	200710102917.2	CN	5/11/2007	THERMALLY RESPONSIVE ELECTRICAL SWITCH
A42466	200810004599.X	CN	1/25/2008	MOTOR PROTECTOR ATTACHMENT SYSTEM
A42485	200710138482.7	CN	8/8/2007	BURN-IN SOCKETS FOR BGA IC DEVICES HAVING AN INTEGRATED SLIDER WITH FULL BALL GRID COMPATIBILITY
A41525	PI0201362-2	BR	4/22/2002	ELECTRICALS PACKAGE INTEGRATING RUN CAPACITOR, RUN PROTECTOR AND MOTOR STARTER
A42082	PI0403304-4	BR	11/30/2004	LOW CURRENT ELECTRIC MOTOR PROTECTOR



Case No.	Serial No.	Country	Date	Filing Title
A43215	P0506881-7	BR	2/22/2005	A MOTOR STARTER DEVICE HAVING REDUCED POWER CONSUMPTION