#### 501834313 02/28/2012

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Emerson Electric Co.	09/24/2010

#### **RECEIVING PARTY DATA**

Name:	Nidec Motor Corporation
Street Address:	8050 West Florissant
City:	St. Louis
State/Country:	MISSOURI
Postal Code:	63136

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13177398

#### **CORRESPONDENCE DATA**

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via US Mail.

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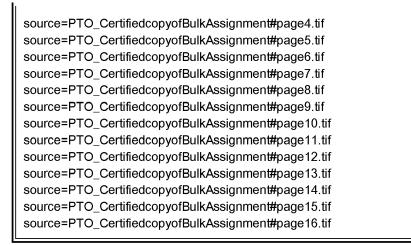
Address Line 4: Overland Park, KANSAS 66210

ATTORNEY DOCKET NUMBER:	AGC/NIDC/39747C1/5570.073
NAME OF SUBMITTER:	Andrew G. Colombo

Total Attachments: 16

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#### PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") dated as of September 30, 2010 (the "Effective Date"), is made by and between Emerson Electric Co., a Missouri corporation ("Assignor"), and Nidec Motor Corporation, a Delaware corporation ("Assignee"), a wholly owned subsidiary of Nidec Corporation, a Japanese corporation ("Nidec").

- A. WHEREAS, Assignor and Nidec are parties to that certain Asset and Stock Purchase Agreement, dated as of August 17, 2010 (the "Agreement"), pursuant to which Assignor has agreed to sell and Nidec has agreed to purchase the "Purchased Assets" as defined in the Agreement;
- B. WHEREAS, Assignor is the owner of the entire right, title and interest in, to and under those United States and foreign patents and patent applications listed on Schedule A and a joint owner of the entire right, title and interest in, to and under those United States and foreign patents and patent applications listed on Schedule B or that otherwise constitute "Purchased Assets" under the Agreement, and any foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisionals, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing, except and excluding any Excluded Intellectual Property Rights under the Agreement (collectively, the "Patents"); and
- C. WHEREAS, Assignee, at its request and direction, wishes to acquire and Assignor wishes to assign all of Assignors' right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration (including the premises and covenants set forth in the Agreement), the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

Assignor's right, title and interest in and to the Patents, any foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisionals, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing, and including the subject matter of all claims that may be obtained therefrom, for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made, together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter related to any of the foregoing, including, without limitation, all claims for damages by reason of past, present, or future infringement or other unauthorized use of the Patents, with the right to sue for and collect the same for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

Assignor shall provide to Assignee, its successors, assigns, and other legal representatives, cooperation and assistance at Assignee's request and expense for the preparation and prosecution of any application, continuations, divisionals, continuations-in-part, extensions

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or equivalent to any of the foregoing for any of the Patents; and the prosecution or defense of any interference, opposition, re-examination, reissue, infringement or other proceedings that may arise in connection with any of the Patents, this Assignment or the assignment made hereby.

Assignor hereby specifically incorporates by reference all of the representations, warranties and indemnifications, subject to all of the conditions and limitations, applicable to the Patents in the Agreement.

Assignor authorizes and requests the United States Commissioner of Patents and Trademarks and any other similar government authority to record Assignee as owner of the Patents and issue any and all patents issued thereon to Assignee, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of Assignee and its successors, assigns or other legal representatives.

This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed as of the date first above written.

EMERSON ELECTRIC CO.

Name: Robert M. Levy

Title: Vice President, Development

STATE OF Missour )

SS

COUNTY OF State of s

On this 24th day of September, 2010 before me Nobert M. Levy, known to me to be Vice hearlest Development of Emerson Electric Co., who acknowledged that he/she signed this instrument as a free act on behalf of Emerson Electric Co.

Notary Public:

My commission expires:

SHARON L HYDE
Notary Public - Notary Seal
State of Missouri
Commissioned for St. Louis County
My Commission Expires: November 04, 2011
Commission Number: 07535019

[Signature page to Patent Assignment Agreement]

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#### NIDEC MOTOR CORPORATION

By: Work D. BECKER

Name: MANK D. BECKER

Title: 1/P., GERMENAL COUNSEL & SECRETARY

STATE OF missouri COUNTY OF 54. Lovis

On this 24 day of September, 2010 personally appeared before me Marcheryh Supp. known to me to be mark Decker of Nidec Motor Corporation, who acknowledged that he signed this instrument as a free act on behalf of Nidec Motor Corporation.

Chaple & Supp Notary Public: My commission expires: 7/1/2012



[Signature page to Patent Assignment Agreement]

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CPI#.	Country	Status	Title	Арр#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
DAC-01-002	USA	Issued	Heat Sink for Printed Circuit Board Components	09/825499	4/3/2001			7148452	12/12/2006
DAC-01-004	USA		System And Method For Proportional Control Of Oven Heating	10/320866	12/16/2002			6781097	8/24/2004
DAC-01-005	USA	Issued	Washing Machine Water Control	10/036643	12/31/2001			6935142	8/30/2005
DAC-02-001	USA	Issued	Oven Temperature Control	10/365941	2/13/2003			7189947	3/13/2007
DAC-02-002			Apparatus And Method For Sensing Temperature	10/601762	6/23/2003			6928379	8/9/2005
DAC-02-004		Issued	System And Method For Communicating With An Appliance Through A Light Emitting Diode	10/348305	1/21/2003			7030773	4/18/2006
DAC-03-001		Issued	System And Method For Communicating With An Appliance Through An Optical Interface Using Control Panel Indicator		6/24/2003			7243174	7/10/2007
DAC-03-003	USA	Issued	Method and Apparatus for Conserving Battery for Operation for a Low Intensity Optical Communication Probe	10/628700	7/28/2003			7315148	1/1/2008
DAC-03-004	USA	issued	Method And Apparatus For Operating An Optica Receiver For Low Intensity Optical Communication In A High Speed Mode	1	7/28/2003			7280769	10/9/2007
DAC-03-005	USA	Issued	Method And Apparatus For Improving Noise Immunity For Low Intensity Optical Communication	10/628769	7/28/2003			7321732	1/22/2008
DAC-03-006	USA	Issued	Method And Apparatus For Independent Contro Of Low Intensity Indicators Used For Optical Communication In An Appliance		7/28/2003	2005-0024330	2/3/2005 .	7091932	8/15/2006
DAC-03-007		Issued	Method And Apparatus For Enabling Optical Communication Through Low Intensity Indicators In An Appliance That Uses A Vacuum Fluorescent Display	10/66702	9/18/2003			7095333	8/22/2006
DAC-97-001	USA	Issued	Appliance Control System	09/04230	3/13/1998			6112135	8/29/2000
DAC-97-002		Issued	Touch Keyboard Platform	08/82586	4/2/1997			5923101	7/13/1999
DAC-99-002		1	Dropping Impedance Power Supply	09/49977	1 2/8/2000			6275400	8/14/2001
EAC-02-054		Issued	Motor Control Housing	10/31056	8 12/5/2002	2004-0109295	6/10/2004	7099159	8/29/2006
EAC-03-050			Method and System for Determining a Washing Machine Load Unbalanced	10/65562	6 9/4/2003	2004-0211009	10/28/2004		
EAC-03-050		Issued	Method and System for Operating a Clothes Washing Machine	11/12763	4 5/12/2005	2005-0204482	9/22/2005	7591038	9/22/2009
EAC-07-001	L USA	Pending	Electric Motor and Controller Assembly with Integrated Sensor Device	11/65655	7 1/22/2007	2008-0174213	7/24/2008		
EAC-07-003	B USA	Pending	Method For The Validation Of Key Press Activity For Capacitive-Touch Systems In High Moisture Environments		0 7/19/2007	2009-0021401	1/22/2009		

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CPI#.	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EAC-08-003	USA	Issued	Method and System for Calibrating a Motor Control Circuit to Improve Temperature Measurement in an Electric Motor	12/167975	7/3/2008	2010-0002744	1/7/2010	7791328	9/7/2010
EAC-08-003	USA		to Improve Temperature Measurement in an Electric Motor	12/869145	8/26/2010	2010-0002744	1/7/2010		9/7/2010
EAC-98-022	USA		Method and Apparatus for Detecting Washing Machine Tub Imbalance	09/197272	11/20/1998	2001-0052265	12/20/2001	6282965	9/4/2001
EAC-98-022	USA		Washing Machine Tub Speed Control Method and Apparatus	09/577754	5/23/2000			6381791	5/7/2002
EAC-98-022	USA	Issued	Method and Apparatus for Detecting Washing Machine Tub Imbalance	09/897840	7/2/2001	2001-0052265	12/20/2001	6393918	5/28/2002
EAC-99-012	USA	Issued	Washing Machine Motor Control Device and Method	09/306613	5/6/1999			6442979	9/3/2002
EMC-00-002	USA	Issued	Capacitor Start Single-Phase Induction Motor with Partial Winding Starting	09/500105	2/8/2000			6271639	8/7/2001
EMC-00-004	USA	Issued	Electric Motor Cooling Jacket Assembly and Method of Manufacture	09/516871	3/2/2000			6300693	10/9/2001
EMC-00-007	USA	Issued	Electric Motor Centrifugal Actuator Overspeed Guard	09/550978	4/17/2000			6181037	1/30/2001
EMC-00-012		Issued	Two Piece Stamped Steel Pulley	10/227096	8/23/2002	2003-0008741	1/9/2003	7485059	2/3/2009
EMC-00-013		Issued	BLDC Motor Noise Reduction Using Constant Bus Current Control Commutation	09/768617	1/25/2001	2002-0037163	3/28/2002	6718125	4/6/2004
EMC-00-014		Issued	Co-Axial Furnace Blower with Simplified Construction	09/671786	9/27/2000			6474981	11/5/2002
EMC-00-015		Issued	Reduced Noise Dynamoelectric Machine		10/3/2000			6720686	4/13/2004
EMC-00-016	USA	Issued	Apparatus for and Method of Sealing a Lead Exit on a Motor	09/693730	10/20/2000			6608414	8/19/2003
EMC-00-018	USA	Issued	Permanent Magnet Electric Machine Having Reduced Cogging Torque	09/704183	11/1/2000			7245054	7/17/2007
EMC-01-001	USA	Issued	End Cap Assembly for a Switched Reluctance Electric Machine	09/754537	1/4/2001	2002-0084716	7/4/2002	6744166	6/1/2004
EMC-01-005	USA	Issued	Electric Power Steering System Including a Permanent Magnet Motor	10/431263	3 5/7/2003	2003-0201137	10/30/2003	7034423	4/25/2006
EMC-01-006	USA	Issued	End Shield Constructed with a Separate Component Holder	09/782458	2/12/2001	2002-0109425	8/15/2002	6559566	5/6/2003
EMC-01-007	USA	Issued	Segmented Stator Switched Reluctance Machine	09/803876	3/12/2001	2002-0125782	9/12/2002	7012350	3/14/2006
EMC-01-008	USA	Issued	Permanent Magnet Rotor Design	09/81317	3/20/2001	2002-0135252	9/26/2002	6552459	4/22/2003
EMC-01-010	USA	Issued	Sensorless switched reluctance electric machine with segmented stator	09/81755	3/26/2001	2002-0135254	9/26/2002	6897591	5/24/2005
EMC-01-011	USA	Issued	Fan Assembly Including a Segmented Stator Switched Reluctance Fan Motor	09/81756	3/26/2001	2002-0135255	9/26/2002	6700284	3/2/2004
EMC-01-012		Issued	Washing Machine Including a Segmented Stator	09/81768	7 3/26/2001	2002-0134118	9/26/2002	6584813	7/1/2003
EMC-01-013		Issued		09/82256	8 3/30/2001	2002-0141888	10/3/2002	6514052	2/4/2003
EMC-01-015	USA	Issued	Self-Locking Wiring Grommet	09/84335	2 4/26/2001	2002-0157853	10/31/2002	6495755	12/17/2002

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CPI #.	Country	Status	Title	Арр#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EMC-01-016	USA		Reduced Cogging Torque Permanent Magnet Electric Machine with Rotor Having Offset Sections	09/851865	5/9/2001	2002-0067092	6/6/2002	6707209	3/16/2004
	USA		Induction Motor Control System	09/880475	6/13/2001	2002-0190685	12/19/2002	6636011	10/21/2003
EMC-01-017					9/30/2003	2004-0130287	7/8/2004	6828751	12/7/2004
EMC-01-017	USA	Issued	Induction Motor Control System  Dynamoelectric Device Air Flow Baffle Shaped to	10/6/3302	3/30/2003	2004-0130207	77072001		
EMC-01-020	USA	Issued	Increase Heat Transfer	09/993071	11/13/2001	2003-0090163	5/15/2003	6894409	5/17/2005
EMC-01-021	USA	Issued	Doubly Salient Machine with Permanent Magnets in Stator Teeth	10/035365	12/28/2001	2003-0122440	7/3/2003	6777842	8/17/2004
EMC-01-022	USA	Issued	Doubly Salient Machine with Angled Permanent Magnets in Stator Teeth	10/035366	12/28/2001	2003-0122439	7/3/2003	6724114	4/20/2004
EMC-02-001	USA	Issued	Interconnecting Ring and Wire Guide	10/193391	7/11/2002	2004-0007934	1/15/2004	6856055	2/15/2005
EMC-02-006	USA	Issued	Lubricant Retention Assembly	11/130444	5/16/2005	2005-0205360	9/22/2005	7040453	5/9/2006
EMC-02-007	USA	Issued	Single Phase Induction Motor with Partially Shared Windings	10/071329	2/6/2002	2003-0146732	8/7/2003	6815926	11/9/2004
EMC-02-008	USA	Issued	Limited Movement System for Motor Switch Mounted Thermo-Protector	10/099297	3/15/2002	2003-0174486	9/18/2003	6853560	2/8/2005
EMC-02-013	USA	Issued	Cooling Jacket for Electric Machines	10/156289	5/28/2002	2003-0222519	12/4/2003	6727611	4/27/2004
	USA		Rotary Device Shaft with Oil Slinger Groove		7/10/2002	2004-0007825	1/15/2004	6698762	3/2/2004
EMC-02-043		Issued	Fluid Management System for a Housing of an Electrical Device		7/24/2002	2004-0017121	1/29/2004	6720693	4/13/2004
EMC-02-046			Three Phase Electric Motor Terminal Box Mounted Connection Board	10/202519	7/24/2002	2004-0017120	1/29/2004	6856056	2/15/2005
EMC-02-048		Issued	PSC Motor Having a 4/6 Pole Common Winding and Having an Additional 4-Pole Winding	10/383977	3/7/2003	2004-0041490	3/4/2004	6707214	3/16/2004
EMC-02-049		Issued	Optimized Thermal System for an Electric Motor	10/212963	8/5/2002	2004-0027011	2/12/2004	6787949	9/7/2004
EMC-02-051		Issued	PSC Motor System for Use in HVAC Applications with Improved Start-Up		10/8/2002	2004-0066160	4/8/2004	6952088	10/4/2005
EMC-02-052	USA	Issued	PSC Motor System for Use in HVAC Applications with Field Adjustment and Fail-Safe Capabilities	10/266793	3 10/8/2002	2004-0067049	4/8/2004	7272302	9/18/2007
EMC-02-053		Issued		10/266451	10/8/2002	2004-0067050	4/8/2004	6801013	10/5/2004
EMC-02-056		Issued	Interior Permanent Magnet Motor for Use in Washing Machines	10/229826	8/28/2002	2004-0041489	3/4/2004	6717314	4/6/2004
EMC-02-057	USA	Issued	Method for Forming an Annular Stator Assembly	10/427450	4/30/2003	2004-0084988	5/6/2004	7111380	9/26/2006
EMC-02-057		Issued	Segmented Stator with Improved Handling and Winding Characteristics		5 9/25/2006	2007-0013256	1/18/2007	7345397	3/18/2008
EMC-02-057		issued	Segmented Stator with Improved Handling and Winding Characteristics	12/029998	3 2/12/2008	2008-0129142	6/5/2008	7471025	12/30/2008
EMC-02-058		Issued	Interior Permanent Magnet Machine with Reduced Magnet Chattering	10/22967	5 8/28/2002	2004-0041486	3/4/2004	6891298	5/10/2005

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CPI#.	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EMC-02-059	USA	Issued	Reduced Impedance Interior Permanent Magnet Machine	10/229719	8/28/2002	2004-0041484	3/4/2004	6727623	4/27/2004
EMC-03-002	USA	Issued	Brushless Permanent Magnet Motor with High Power Density, Low Cogging and Low Vibration	10/690886	10/22/2003	2005-0088047	4/28/2005	6946760	9/20/2005
EMC-03-004	USA	Issued	Low Profile Condenser Motor	10/771208	2/2/2004	2005-0166630	8/4/2005	7137263	11/21/2006
EMC-03-007	USA	Issued	Insulated Stator with Wire Routing Element	10/977252	10/29/2004	2006-0091739	5/4/2006	7342334	3/11/2008
EMC-03-008	USA	Issued	A Motor with a Multifunctional Bearing Cap and Method of Assembly	10/854477	5/26/2004	2005-0264116	12/1/2005	7091640	8/15/2006
EMC-03-010	USA	Issued	Reduced Coil Segmented Stator		5/19/2004	2005-0258706	11/24/2005	7122933	10/17/2006
EMC-03-011	USA	Issued	Self-Cooling Electric Motor			2006-0091744	5/4/2006	7282823	10/16/2007
EMC-03-020	USA	Issued	Limited Swivel Self-Aligning Bearing Assembly		8/22/2003	2005-0041897	2/24/2005	6974258	12/13/2005
EMC-03-021	USA	Issued	Motor Starting Switch	10/629194	7/29/2003			6737599	5/18/2004
EMC-03-022	USA	Issued	Hall Effect Sensor Holder		9/11/2003			D505916	6/7/2005
EMC-03-031	USA	Issued	Weather Protected Modular Motor Enclosure	10/248662	2/6/2003			6750573	6/15/2004
EMC-03-031	USA	Issued	Weather Protected Modular Motor Enclosure	10/709118	4/14/2004			6924572	8/2/2005
EMC-03-032	USA	Issued	Hall Effect Sensor Holder	29/179349				D496630	9/28/2004
EMC-03-034		Issued	Low Noise Ventilation System for Electric Motor			2005-0104459	5/19/2005	7157818	1/2/2007
EMC-03-035	· · · · · · · · · · · · · · · · · · ·	Issued	One Piece Drive Pulley and Belt Guide		5/17/200 <u>4</u>	2005-0255949	11/17/2005	7204774	4/17/2007
EMC-03-051	USA	Issued	Modular Flux Controllable Permanent Magnet Dynamoelectric Machine	10/400966	3/27/2003	2004-0189132	9/30/2004	7057323	6/6/2006
EMC-03-101	USA	Issued	Cooling System for Dynamoelectric Machine	10/774228	2/6/2004			6909210	6/21/2005
EMC-03-102	<del> </del>	Issued	Compact Dynamoelectric Machine	10/774216	2/6/2004	2005-0174007	8/11/2005	7109626	9/19/2006
EMC-03-103		issued	Cover for Electric Motor	29/201595	3/17/2004			1	10/17/2006
EMC-03-103	USA	Issued	Cover for Electric Motor	10/802490	3/17/2004				12/14/2004
EMC-03-104	USA	issued	Adjustable Spring Grounding Pin	10/921570	8/19/2004	2006-0037770	2/23/2006		8/29/2006
EMC-04-002	USA	Issued	Bearing Assembly with Anti-Slip Spring	10/854814	5/27/2004	2005-0265645	12/1/2005	7153031	12/26/2006
EMC-04-005	USA	Issued	End Shield and Stators and Related Methods of Assembly	10/958197	10/4/2004	US 2006071574	4/6/2006	7408282	8/5/2008
EMC-04-007		Issued	Electric Machines and Methods Related to Assembling Electric Machines	10/958198	3 10/4/2004	2006-070228	4/6/2006	7281313	10/16/2007
EMC-04-010		Issued	Cavitation Detection Device and Method	11/161150	7/25/2005	2007-0017284	1/25/2007	7637723	12/29/2009
EMC-04-013		Issued	Methods of Securing a Bearing with An Adaptor Sleeve Within an Opening of a Housing	10/958199	10/4/2004	2006-73042	4/6/2006	7451543	11/18/2008
EMC-04-014		Issued	Method of Making an Electric Machine Having a Electronics Mount Secured by an Interference Fi	11/208687	8/22/2005	2006/0070229	4/6/2006	7581307	9/1/2009
EMC-04-017	USA	Issued	Resilient Isolation Members and Related Methods of Reducing Acoustic Noise and/or Structural Vibration in an Electric Machine	11/127506	5/12/2005	2006-0255666	11/16/2006	7196438	3/27/2007
EMC-04-020	USA	Issued	Electric Machines and Methods Related to Assembling Electric Machines	10/958213	10/4/2004	2006-071565	4/6/2006	7105976	9/12/2006

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CPI#-	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EMC-04-021	USA	issued	Exterior of an Electric Machine Housing	29/214510	10/4/2004	D515521	2/21/2006	D515521	2/21/2006
EMC-04-022	USA	Issued	Motor End Bell Having Terminal Access Opening and Cover	11/561739	11/20/2006	2008-0136273	6/12/2008	7550886	6/23/2009
EMC-04-024	USA		Cryogenic Pumping Systems, Rotors and Methods for Pumping Cryogenic Fluids	11/023760	12/22/2004	2006-0119194	6/8/2006	7495364	2/24/2009
EMC-04-024	USA		Cryogenic Pumping Systems, Rotors and Methods for Pumping Cryogenic Fluids	12/390968	2/23/2009	2009-0179516	7/16/2009	7701105	4/20/2010
EMC-04-028	USA		2/6 Pole Single Phase Induction Motor Having Shared Windings	11/295020	12/5/2005	2007-0126307	6/7/2007	7598648	10/6/2009
EMC-04-030	USA	Issued	Grommets for Sealing a Hole in an Electrical Device Housing Through Which Electrical Connectors Exit	11/133574	5/20/2005			7049515	5/23/2006
EMC-05-001	USA	Issued	Insert with Sleeve for a Molded Impeller	11/324993	1/3/2006	2007-0154313	7/5/2007	7544042	6/9/2009
EMC-05-009	USA	Issued	Integrated Motor and Controller Assemblies for Horizontal Axis Washing Machines	11/208688	8/22/2005	2007-0040460	2/22/2007		4/1/2008
EMC-05-016	USA	Issued	Fluid Flow Control for Fluid Handling Systems	11/408755	4/21/2006	2007-0248467	10/25/2007	7567049	7/28/2009
EMC-05-022	USA	Issued	Insulation and Alignment of Segmented Stators for Electric Machines	11/284732	11/22/2005	2007-0114875	5/24/2007	7583002	9/1/2009
EMC-05-022		Pending	Alignment of Segmented Stators for Electric Machines	12/551050	8/31/2009	2010-0109470	5/6/2010		
EMC-05-023	USA	Issued	Asymmetrical Composite Magnet Structure for Lobed Rotor	11/565427	11/30/2006	2007-0138892	6/21/2007	7550889	6/23/2009
EMC-05-026	USA	Issued	Protector Mounting Apparatus for Protector Mounted on the Windings of a Motor	11/359063	2/22/2006	2007-0194654	8/23/2007	7535136	5/19/2009
EMC-05-030	USA	Issued	Motor Having Thrust System	11/467986	8/29/2006	2008-0054746	3/6/2008	7732960	6/8/2010
EMC-05-030		Issued	Motor Having Thrust System	12/141184	6/18/2008	2008-0246357	10/9/2008	7772732	8/10/2010
EMC-05-033	USA	Issued	Motor Protector Endshield Mounting Bracket	11/359312	2/22/2006	2007-0194643	8/23/2007	7531926	5/12/2009
EMC-05-035		Issued	Segmented Inner Stator and Brushless Permanent Magnet Motor with the Same	11/558697	11/10/2006	2007-0296302	12/27/2007	7615907	11/10/2009
EMC-06-003		Issued	Heat Conductor for Pump System	11/420598	5/26/2006	2007-0273222	11/29/2007	7638741	12/29/2009
EMC-06-010	USA	Issued	Low Noise Heating, Ventilating and/or Air Conditioning (HVAC) Systems	11/701350	2/1/2007	2008-0185986	8/7/2008	7626349	12/1/2009
EMC-06-012	USA	Pending	Calculating Airflow Values for HVAC Systems	12/238003	9/25/2008	2009-0082908	3/26/2009		
EMC-06-018			Variable Speed Induction Motor with Wye-Delta Switching with Reduced Drive Volt-Amp Requirement	1	11/16/2006	2008-0116839	5/22/2008	7474074	1/6/2009
EMC-06-029		Issued	Horizontal Axis Washing Machine Having 4 Pole 36 Slot Motor	11/680330	2/28/2007	2008-0203846	8/28/2008	7692350	4/6/2010
EMC-06-025	USA	Issued	Horizontal Axis Washing Machine Having 4 Pole 36 Slot Motor	12/708599	2/19/2010	2010-0139083	6/10/2010	7774921	8/17/2010

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CPI #.	Country	Status	Title	Арр#	Filing Date	Publication #	Publication Date	Patent #	issue Date
EMC-07-001	USA	Pending	Rator Core Assembly for Electric Motor	11/766448	6/21/2007	2008-0315715	12/25/2008		
EMC-07-007	USA	Issued	Grounding Lug	29/282576	7/24/2007	D585833	2/3/2009	D585833	2/3/2009
EMC-07-012	USA		Mounting Structure, Pump Having Mounting Structure and Mold for Making Mounting	12/133096	6/4/2008	2009-0060763	3/5/2009		
EMC-07-016	USA	Pending	Electric Motor Having Fluid Circulation System and Methods for Cooling an Electric Motor	12/402138	3/11/2009	2010-0231067	9/16/2010		
EMC-07-017	USA	Issued	Electric Machine	12/024541	2/1/2008	2009-0195109	8/6/2009	7777386	8/17/2010
EMC-07-025	USA	Pending	Bi-Directional Cooling Fan	12/323099	11/25/2008	2009-0136357	5/28/2009		
EMC-07-026	USA	Pending	PSC Motor with 4/6 Pale Common Windings	12/622176	11/19/2009	2010-0123427	5/20/2010		
EMC-07-027	USA		Dynamoelectric Machine Assembly Having Memory for Use by External Devices	12/156097	5/29/2008	2009-0300270	12/3/2009		
EMC-07-028	USA		Flow Control for Fluid Handling System	12/211979	9/17/2008	2010-0068070	3/18/2010		
EMC-07-029	USA		Flow Estimation for Fluid Handling System	12/212756	9/18/2008	2010-0070205	3/18/2010		
EMC-08-001	USA	Pending	Motor with Lobed Rotor Having Uniform and Non-Uniform Air Gaps	12/244039	10/2/2008	2010-0084937	4/8/2010		
EMC-08-002	USA	Pending	Cooling System for a Motor and Associated Electronics	12/124922	5/21/2008	2009-0289513	11/26/2009		
EMC-08-004	USA	Issued	Cooling Tower Sealant Containment Gasket	12/146289	6/25/2008	2009-0322169	12/31/2009		
EMC-08-007	USA	Issued	Electric Machine	12/183769	7/31/2008	2010-0026135	2/4/2010	7709992	5/4/2010
EMC-08-010	USA	Pending	An Electric Motor Having Draining Means	12/252060	10/15/2008	2010-0090551	4/15/2010		
EMC-08-013	USA	Pending	Dynamoelectric Machine Assemblies Operable with Serial Communication Signals and PWM Control Signals	12/201829	8/29/2008	2010-0052592	3/4/2010		
EMC-08-015	USA	Pending	Electric Motor Endshield Having Variable Bearing Arrangement	12/432618	4/29/2009	2010-0277019	11/4/2010		
EMC-08-016	USA	Pending	Blower Motor for HVAC Systems	12/206052	9/8/2008	2010-0060214	3/11/2010		
EMC-08-017	USA	Pending	Blower Motor for HVAC Systems	12/206062	9/8/2008	2010-0060228	3/11/2010	·	
EMC-08-018	USA		Blower Motor for HVAC Systems	12/206066	9/8/2008	2010-0060215	3/11/2010		
EMC-08-019	USA		Blower Motor for HVAC Systems	12/206077		2010-0060219	3/11/2010		
EMC-08-020	USA		Blower Motor for HVAC Systems	12/206085	9/8/2008	2010-0060216	3/11/2010		
EMC-08-021	USA		Blower Motor for HVAC Systems	12/206087		2010-0060218	3/11/2010		
EMC-08-023	USA		Kit And Method For Attaching A Grounding Ring To An Electrical Motor	12/365044		2010-0001602	1/7/2010		
EMC-08-025	USA		Variable Motor Drive-System for a Reservoir with Circulating Field	12/503435	7/15/2009	2010-0017954	1/28/2010		
EMC-08-036	USA	Issued	Motor Switch Lever	29/345503	10/16/2009	)		D620438	7/27/2010
EMC-08-037	USA	Pending	Liquid Deflecting Baffle for An Electric Motor	12/266390	11/6/2008	2010-0109454	5/6/2010		

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CPI#.	Country	Status	Title	Арр#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EMC-08-039	USA	Pending	Encapsulated Outer Stator Isolated Rotor Stepper Motor Valve Assembly	12/336370	12/16/2008	2010-0148605	6/17/2010		
EMC-09-003	USA	Pending	Integrated Endshield and Pump Volute for an Electric Pump and Method of Forming an Electric Pump	12/492022	6/25/2009	2010-0329904	12/30/2010		
EMC-93-006	USA	Issued	Method and Apparatus of Operating a Dynamoelectric Machine Using DC Bus Current Profile	08/004411	1/14/1993			5420492	5/30/1995
EMC-93-010	USA	Issued	Centrifugal Actuator Assembly	08/021158	2/19/1993			5293090	3/8/1994
EMC-93-014	USA	issued	Shock Resistant Switch Mounting	08/098849	7/29/1993			5382766	1/17/1995
EMC-93-023	USA	Issued	Current Decay Control in Switched Reluctance Motor	08/920112	8/26/1997			RE36568	8/29/1995
EMC-94-003	USA	Issued	Noise Reduction in a Switched Reluctance Motor by Current Profile Manipulation		1/28/1994			5461295	10/24/1995
EMC-94-003	USA	Issued	Noise Reduction in a Switched Reluctance Motor by Current Profile Manipulation	08/976936	11/24/1997			5986418	11/16/1999
EMC-94-004	USA		Motor Assemblies with Improved Endshields	08/194531	2/10/1994		·	5475275	12/12/1995
EMC-94-014	USA	Issued	Integral Refrigerator Motor Fan Blades	08/237780	5/4/1994			5574321	11/12/1996
EMC-94-016	USA	Issued	Brushless Permanent Magnet Condenser Motor for Refrigeration	08/240633	5/11/1994			5532534	7/2/1996
EMC-94-020	USA	Issued	Sensorless Commutation Controller for a Polyphase Dynamoelectric Machine	08/250017	5/27/1994			5457375	10/10/1995
EMC-94-022	USA	Issued	Reprogrammable Motor Drive and Control Therefore	08/250286	5/27/1994			6768279	7/27/2004
EMC-94-023	USA	Issued	Constant Air Flow Control Apparatus and Method	08/250296	5/27/1994			5447414	9/5/1995
EMC-94-023	USA	Issued	Constant Air Flow Control Apparatus & Method	08/444440	5/19/1995			5736823	4/7/1998
EMC-94-025	USA	Issued	Motor Fan Baffle	08/258242	6/10/1994			5563461	10/8/1996
EMC-95-018	USA	Issued	Anti-Leakage Device	08/764161	12/13/1996			5893565	4/13/1999
EMC-95-019	USA	Issued	Switch Assembly and Mounting Bracket Therefore	08/431304	4/28/1995			5636731	6/10/1997
EMC-95-019	USA	Issued	Switch Assembly and Mounting Bracket Therefor	08/823374	3/24/1997			5791456	8/11/1998
EMC-95-033	USA	Issued	Rotor Position Sensing in a Dynamoelectric Machine Using Coupling Between Machine Coils	08/549457	10/27/1995			5701064	12/23/1997
EMC-96-001	USA	Issued	Reluctance Machine with Auxiliary Field Excitations		11/20/1996			5866964	2/2/1999
EMC-96-006	USA	Issued	Direct Replacement Variable Speed Blower Motor	08/626035	4/1/1996			5818194	10/6/1998
EMC-96-008	USA	Issued	Method and Apparatus for Controlling a Switched Reluctance Machine	08/635240	4/12/1996			6051942	4/18/2000
EMC-96-008	USA	issued	Method and Apparatus for Controlling a Switched Reluctance Machine	09/361021	7/23/1999			6014003	1/11/2000

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EMC-96-018	USA	Issued	Method of Constructing a Salient Pole Motor	08/656082	5/31/1996			6389678	5/21/2002
EMC-96-019	USA	Issued	Rotor Position Sensing System	08/657690	5/31/1996			5877568	3/2/1999
EMC-96-020	USA	Issued	Overflow Protection for a Washing Machine	08/659016	6/4/1996			6125870	10/3/2000
EMC-96-024	USA	Issued	Reluctance Machine with Fractional Pitch Winding and Drive Therefore	09/281106	3/29/1999			6078122	6/20/2000
EMC-96-027	USA	Issued	Method and Apparatus for a Multispeed Hybrid Start Switch for a Motor	08/686702	7/26/1996			5883488	3/16/1999
EMC-96-030	USA	Issued	Low Cost Drive for A Reluctance Machine Having Fully-Pitched Windings	08/705786	8/30/1996			5739662	4/14/1998
EMC-96-032	USA	Issued	Axial Flux Reluctance Machine with Two Stators Driving a Rotor	08/709105	9/6/1996				7/20/1999
EMC-96-038	USA	Issued	Reduced Noise Reluctance Machine	08/725007	10/1/1996				3/2/1999
EMC-96-040	USA	Issued	Electrical Terminal with On-Ramp	08/953471	10/17/1997			5954550	9/21/1999
EMC-96-043	USA	Issued	Single Phase Induction Motor 4/6 Pole Common Winding Connection with Magnetic Motive Force Symmetrically Distributed	08/745454	11/12/1996			5825111	10/20/1998
EMC-96-045	USA	Issued	Counterbored Rotors for Natural Frequency Variation	09/251067	2/18/1999			6097115	8/1/2000
EMC-96-045		Issued	Weight Optimized Rotors		11/27/1996	5		5767607	6/16/1998
EMC-96-046		Issued	Weight Optimized Rotors	09/037079	3/9/1998 .			6002190	12/14/1999
EMC-96-055		Issued	Control Circuit for Two Speed Motors	08/741567	10/31/1996	5		5689168	11/18/1997
EMC-97-003		Issued	Contoured Switch Lever for Centrifugal Switch	08/786263	1/22/1997			5744883	4/28/1998
EMC-97-007	USA	Issued	Rotating Machine for Use in a Pressurized Fluid System	08/803671	2/21/1997			6025665	2/15/2000
EMC-97-008		Issued	Rotor Assembly for a Rotating Machine	08/803683	2/21/1997			6078121	6/20/2000
EMC-97-008		Issued	Method of Assembling a Rotor Assembly for a Rotating Machine	09/358311	7/21/1999			6324745	12/4/2001
EMC-97-011	USA	Issued	Switched Reluctance Machine Balancing System; Material Removal Approach and Material Addition Approach		3/24/1997			5780945	7/14/1998
EMC-97-013		Issued	Low Cost Universal Drive for Use with Switched Reluctance Machines	08/826313	3/25/1997			5841262	11/24/1998
EMC-97-017		Issued	Self-Aligning/Rigid Spherical Bearing Assembly	08/861951	5/22/1997			5857780	1/12/1999
2.11.0 37 017			Method of Constructing a Self-Aligned Rigid					6196726	3/6/2001
EMC-97-017	USA	Issued	Spherical Bearing Assembly		10/21/1998				12/14/1999
EMC-97-026	USA	Issued	Terminal Box for Electrical Motor	08/9/0373	11/14/1997	/		0002000	
EMC-97-027	USA	Issued	Apparatus for and Method of Monitoring the Status of the Insulation on the Wire in a Winding	08/972579	11/18/199	7		6087836	7/11/2000
EMC-97-028	USA	Issued	End Shield for An Electric Motor, Electric Motor Construction, and Method of Assembling Electric Motor	08/979975	11/26/199	7		5929545	7/27/1999

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EMC-97-031	USA	Issued	Motor with Strategically Placed Connector Block Electromagnetic Device Having Encapsulated	08/991969	12/17/1997			5894179	4/13/1999
EMC-97-032	USA	Issued	Construction and Precise Positioning of Bearing	09/216328	12/17/1998			6040647	3/21/2000
EMC-98-009	USA	Issued	Single Phase Three Speed Motor with Shared Windings	09/090658	6/4/1998			6255755	7/3/2001
EMC-98-013	USA	Issued	Reinforced Motor Frame Lead Channel	09/139034	8/24/1998			6011335	1/4/2000
EMC-98-015	USA	Issued	Reduced Size Electromagnetic Device	09/419584	10/18/1999			6274957	8/14/2001
EMC-98-015	USA	Issued	Reduced Size Electromagnetic Device with a Stator Winding Spacer and an Insulator	09/420021	10/18/1999			6407474	6/18/2002
EMC-98-016	USA	Issued	Pump Assembly for Jetted Tub	09/159207	9/23/1998			6056506	5/2/2000
EMC-98-018	USA	Issued	Method and Apparatus for Implementing a Low Cost, Intelligent Controller for a Switched Reluctance Machine	09/181535	10/28/1998			6442535	8/27/2002
EMC-98-019	USA	Issued	Sixteen and Thirty-Two Slot Three-Phase Induction Motor Winding	09/182758	10/29/1998			6114790	9/5/2000
EMC-99-005	USA	Issued	Twist Lock Conduit Connector Grommet	09/252457	2/18/1999				11/7/2000
EMC-99-007	USA	Issued	Electric Motor Cooling Jacket Assembly	29/112504	10/18/1999			<del>                                     </del>	3/19/2002
EMC-99-007	USA	Issued	Electric Motor Connector	29/147882	9/7/2001			D456773	5/7/2002
EMC-99-013	USA	Issued	Device and Method for Generating Three-Phase Sine Waves Using Two Pulse-Width Modulators	09/306614	5/6/1999			6040989	3/21/2000
EMC-99-018	USA	Issued	Reduced Cost Bearing Retainer	09/384142	8/27/1999			6257767	7/10/2001
EMC-99-029	USA	Issued	Cast Rabbet Joint for Proper Alignment of Assembled Components	09/431453	11/1/1999			6188156	2/13/2001
EMC-99-030	USA	Issued	Switch with Slotted Terminal Arm	09/434888	11/5/1999			6184484	2/6/2001
EMC-99-031	USA	Issued	Electric Device Grounding System	09/444419	11/19/1999			6528913	3/4/2003
MAL-00-002	USA	Issued	Snap-and-Crimp Appliance Water Valve Assembly and Associated Method for Making the Same	09/621438	7/21/2000			6422258	7/23/2002
MAL-00-002	USA	Issued	Appliance water valve assembly and associated method	10/142295	5/9/2002			6615858	9/9/2003
MAL-00-003	USA	Issued	Flow control device having a lip seal and compressible bypass pads and associated method for operating an appliance water valve	09/621270	7/21/2000			6378542	4/30/2002
MAL-00-004	USA	Issued	Integrated filter and noise suppressor device for a water valve assembly and associated method for operating the same	09/621437	7/21/2000			6412645	7/2/2002
MAL-01-001	USA	Issued	Door Unlatch Switch Assembly	09/753829	1/3/2001			6465752	10/15/2002
MAL-01-001	USA		Electromechanical Door Latch Switch Assembly and Method for Making Same		10/1/2002			6639161	10/28/2003
MAL-01-001	USA	Issued	Electro-mechanical door latch switch assembly. and method for making same	10/411787	4/11/2003			6689973	2/10/2004

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CPI#.	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
MAL-01-002	USA	Issued	Water Delivery System for Refrigerator	09/839087	4/20/2001			6460367	10/8/2002
MAL-01-002	USA	Issued	Water delivery system for refrigerator	10/225010	8/21/2002			6532758	3/18/2003
MAL-01-003	USA		Appliance Control System With Solid State Appliance Controller	10/197082	7/17/2002	2003-0028271	2/6/2003	6856841	2/15/2005
MAL-01-003	USA	Issued	Appliance control system with auxiliary inputs	10/197113	7/17/2002			6813524	11/2/2004
MAL-01-003	USA		Appliance control system with LED operation	10/197062	7/17/2002			6862482	3/1/2005
MAL-01-003	USA		Appliance control system with cycle selection detection	10/197178	7/17/2002			6813911	11/9/2004
MAL-01-003	USA	Issued	Appliance Control System With Hyperspin Mode	10/197177	7/17/2002			7000436	2/21/2006
MAL-01-003	USA	Issued	Appliance control system with power controller	10/196812	7/17/2002			7388306	6/17/2008
MAL-01-004	USA	Issued	Control shaft and knob assembly of an appliance timer	09/758641	1/12/2001			6779942	8/24/2004
MAL-01-008	USA	Issued	Appliance Timer	10/229474	8/28/2002	2003-0116558	6/26/2003	6844513	1/18/2005
MAL-02-001	USA	Issued	Appliance Control Methods and Apparatus	10/264705	10/4/2002			6791288	9/14/2004
MAL-02-002	USA	Issued	Current Sensing Methods and Apparatus for an Appliance	10/264720	10/4/2002			6825626	11/30/2004
MAL-02-003	USA	Issued	Appliance Control Communications Method and Apparatus	10/264888	10/4/2002			6919815	7/19/2005
MAL-03-001	USA	Issued	Rotary Switch Assembly	10/716215	11/18/2003			6797907	9/28/2004
MAL-03-005	USA	Issued	RF Water Level Sensor	10/770595	2/3/2004			6959598	11/1/2005
MAL-03-006	USA	Issued	Method and Apparatus for Sensing Water Flow Through a Dishwasher including a Vacuum Switch	10/462883	6/17/2003			7163590	1/16/2007
MAL-03-008	USA	lssued	Method and Apparatus for Sensing Water Flor through a dishwasher including a thermal switch	10/463705	6/17/2003			6939412	9/6/2005
MAL-04-004	USA	Issued	Method and Device for Eliminating Connecting Webs Between Ice Cubes	10/895792	7/21/2004			7013654	3/21/2006
MAL-04-005	USA	Pending	Method and device for producing ice having a harvest-facilitating shape	10/895570	7/21/2004	2006-0016209	1/26/2006		
MAL-04-007	USA	issued	lce Maker with Adaptive Fill	11/119073	4/29/2005			7216491	5/15/2007
MAL-04-008	USA	Issued	Motorized Oven Door Lock Mechanism with Pull- in Capabilities	10/877151	6/25/2004			7185925	3/6/2007
MAL-04-009	USA	Issued	Oven Lock with Mechanical Actuation of Remotely Located Door Switch	10/877145	6/25/2004			7137387	11/21/2006
MAL-04-010	USA	Issued	Capacitive Drop Power Supply with Low Power Consumption	10/936002	9/8/2004			7196918	3/27/2007
MAL-04-012		Issued	Low Profile Automotive Latch Release Switch Assembly	10/944446	9/17/2004			7091433	8/15/2006
MAL-04-014		Issued	Enchanced Water Valve Tube Stop		10/27/2005		<u> </u>	7222642	5/29/2007

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CPI#.	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
MAL-04-015	USA	Issued	Illuminated Knob	11/050279	2/3/2005			7195363	3/27/2007
MAL-04-018	USA	Issued	System and Method for Controlling Ice Tray Fill in an Icemaker	11/079583	3/14/2005			7143588	12/5/2006
MAL-04-019	USA	Issued	Pedal Actuated Switch Assembly	10/955768	9/30/2004			6953904	10/11/2005
MAL-06-001	USA	Issued	Motorized Oven Door Lock Having a Reciprocating Latch	11/418918	5/5/2006			7334823	2/26/2008
MAL-06-003	USA	Issued	Camstack Timer with Momentary Start Switch	11/472702	6/22/2006			7385151	6/10/2008
MAL-06-005	USA	Issued	Switching Device with Critical Switch Detection	11/543304	10/4/2006	2008-0024326	1/31/2008	7688230	3/30/2010
MAL-06-006	USA	Pending	Smart Washer Timer Drive and Indexing System	11/678645	2/26/2007	2008-0017484	1/24/2008		
MAL-93-001	USA	Issued	Lever Actuated Pedal Operated Switch Assembly	08/024005	2/26/1993			5321219	6/14/1994
MAL-93-008	USA	Issued	Quiet Appliance Water Valve	08/051136	4/22/1993			5487528	1/30/1996
MAL-93-009	USA	Issued	Anti-clog Water Valve	08/052008	4/22/1993			5269333	12/14/1993
MAL-93-009	USA	Issued	Anti-clog Water Valve	08/129903	9/30/1993			5363873	11/15/1994
MAL-94-001	USA	Issued	Clog Resistant Water Valve Inlet Screen with Ribs	08/332679	11/1/1994			5545318	8/13/1996
MAL-96-006	USA	Issued	Cam-Operated Timer Quite Cycle Selector		5/28/1996			5861590	1/19/1999
MAL-96-006	USA	Issued	Cam-Operated Timer Quite Cycle Selector	09/049528	3/27/1998			5949038	9/7/1999
MAL-96-006	USA	Issued	Cam-Operated Timer Quite Cycle Selector	09/106492	6/29/1998			5990426	11/23/1999
MAL-96-009	USA		Apparatus for Suppressing Noise Generated by a Flow of Water Through a Water Valve	08/735357	10/22/1996			5813652	9/29/1998
MAL-96-011	USA	issued	Apparatus for Permitting Quiet Manual Setting of Appliance Timer	08/866394	5/30/1997			5866863	2/2/1999
MAL-97-004	USA		Appliance Timer Having a Switching Mechanism for High-Current Carrying Circuit Blades and Associated Method	08/805839	3/3/1997			5834718	11/10/1998
MAL-97-006	USA	Issued	Apparatus for Reducing Noise Generated by the Flow of Water through a Valve	08/825045	3/27/1997			5921275	7/13/1999
MAL-97-007	USA	Issued	Water Valve Assembly Haing Attachment Mechanism WhichPrevents a Fluid Conduit from Becoming Detached	08/833114	4/3/1997			5964447	10/12/1999
MAL-97-008	USA	lssued	Appliance Timer having an Auxiliary Switching Assembly	09/955386	9/18/2001			6486416	11/26/2002
MAL-97-009	USA	Issued	Appliance Timer having a Maskable Double Throw Subinterval Mechanism	08/978081	11/25/1997			5929403	7/27/1999
MAL-98-002	USA	Issued	Improved Valve Seat for Direct Acting Low Flow Rate Valve as Used on Refrigerator Icemaker Valves	09/207982	12/8/1998			6076801	6/20/2000

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### SCHEDULE B

CPI #.	Country	Status	Title	App#	Filing Date	Publication #	Publication Date	Patent #	Issue Date
EMC-04-025	USA	issued	Power Steering Motor	29/216925	11/10/2004			D527739	9/5/2006
EMC-05-028	USA	Issued	Clothes Dryer Motor with Broken Belt Switch	11/549192	10/13/2006	2008-0088989	4/17/2008	7609491	10/27/2009
EMC-05-028	USA	Pending	Clothes Dryer Motor with Broken Belt Switch	12/579090	10/14/2009	2010-0031529	2/11/2010	<u> </u>	
EMC-94-030	USA	Issued	Tuned Dynamic Vibration Absorber	08/291167	8/16/1994			5637938	6/10/1997

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**RECORDED: 01/18/2011** 

**RECORDED: 02/28/2012** 

PATENT REEL: 025651 FRAME: 0771