

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3612501

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS PREVIOUSLY RECORDED AT REEL/FRAME 030111/0727
CONVEYING PARTY DATA	
Name	Execution Date
BANK OF AMERICA, N.A.	11/10/2015
RECEIVING PARTY DATA	
Name:	REMY HOLDINGS, INC. (FORMERLY NAMED REMY INTERNATIONAL, INC.)
Street Address:	600 CORPORATION DRIVE
City:	PENDLETON
State/Country:	INDIANA
Postal Code:	46064
Name:	REMY INC.
Street Address:	600 CORPORATION DRIVE
City:	PENDLETON
State/Country:	INDIANA
Postal Code:	46064
Name:	REMY TECHNOLOGIES, L.L.C.
Street Address:	600 CORPORATION DRIVE
City:	PENDLETON
State/Country:	INDIANA
Postal Code:	46064
Name:	REMAN HOLDINGS, L.L.C.
Street Address:	600 CORPORATION DRIVE
City:	PENDLETON
State/Country:	INDIANA
Postal Code:	46064
Name:	REMY ELECTRIC MOTORS, L.L.C.
Street Address:	600 CORPORATION DRIVE
City:	PENDLETON
State/Country:	INDIANA
Postal Code:	46064
PROPERTY NUMBERS Total: 155	
PATENT	

Property Type	Number
Application Number:	12858867
Application Number:	12858916
Application Number:	13174554
Application Number:	13178757
Application Number:	13179020
Application Number:	13186334
Application Number:	13198939
Application Number:	13207301
Application Number:	13220428
Application Number:	13231491
Application Number:	13233187
Application Number:	13235048
Application Number:	13236685
Application Number:	13240557
Application Number:	13242648
Application Number:	13243525
Application Number:	13243904
Application Number:	13244321
Application Number:	13269224
Application Number:	13269267
Application Number:	13270408
Application Number:	13279963
Application Number:	13282954
Application Number:	13289519
Application Number:	13289647
Application Number:	13297916
Application Number:	13298813
Application Number:	13298866
Application Number:	13298890
Application Number:	13299964
Application Number:	13300417
Application Number:	13300463
Application Number:	13312008
Application Number:	13312133
Application Number:	13312296
Application Number:	13312325
Application Number:	13314031
Application Number:	13326848

Property Type	Number
Application Number:	13328190
Application Number:	13335144
Application Number:	13338445
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Application Number:	13341445
Application Number:	13341702
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Application Number:	13344013
Application Number:	13344079
Application Number:	13357644
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Application Number:	13369066
Application Number:	13370673
Application Number:	13403273
Application Number:	13404227
Application Number:	13404598
Application Number:	13404755
Application Number:	13407651
Application Number:	13419105
Application Number:	13425109
Application Number:	13440915
Application Number:	13442655
Application Number:	13442776
Application Number:	13449550
Application Number:	13456013
Application Number:	13460381
Application Number:	13461506
Application Number:	13461572
Application Number:	13462419
Application Number:	13466469
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Application Number:	13471705
Application Number:	13481024
Application Number:	13488327
Application Number:	13488971
Application Number:	13490257

Property Type	Number
Application Number:	13493249
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Application Number:	13678486
Application Number:	13678494

Property Type	Number
Application Number:	13678515
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Application Number:	13722027
Application Number:	13722126
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Application Number:	13743408
Application Number:	13743710
Application Number:	13744147
Application Number:	13744167
Application Number:	13744229
Application Number:	13759501
Application Number:	29438843
Application Number:	61616304
Application Number:	61640333
Application Number:	61641628
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Application Number:	61668919
Application Number:	61670189
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Application Number:	61670236
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Application Number:	61670473
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Application Number:	61681422
Application Number:	61681825
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Application Number:	61701376
Application Number:	61711019
Application Number:	61733040
Application Number:	61733263
Application Number:	61733552
Application Number:	61733679
Application Number:	61733807

Property Type	Number
Application Number:	61733838
Application Number:	61734857
Application Number:	61763810

CORRESPONDENCE DATA

Fax Number: (212)291-9868

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 212-558-4229

Email: demarcor@sullcrom.com, nguyenb@sullcrom.com

Correspondent Name: RAFFAELE A. DEMARCO

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Address Line 2: SULLIVAN & CROMWELL LLP

Address Line 4: NEW YORK, NEW YORK 10004-2498

ATTORNEY DOCKET NUMBER: 022555.00001 (RAD)

NAME OF SUBMITTER: RAFFAELE A. DEMARCO

SIGNATURE: /Raffaele A. DeMarco/

DATE SIGNED: 11/11/2015

Total Attachments: 39

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RELEASE OF SECURITY INTERESTS IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (the “Release”), is made as of the 10th day of November, 2015 by Bank of America, N.A., as administrative agent (in such capacity, together with its successors and assigns, the “Administrative Agent”) for the Secured Parties, as such term is defined in the Credit Agreement described below, in favor of Remy Technologies, L.L.C., a Delaware limited liability company; Remy Holdings, Inc. (formerly named Remy International, Inc.), a Delaware corporation; Remy Power Products, L.L.C., a Delaware limited liability company; Remy Inc., a Delaware corporation; Reman Holdings, L.L.C., a Delaware limited liability company; and Remy Electric Motors, L.L.C., a Virginia limited liability company (collectively, jointly and severally, the “Grantors”).

WHEREAS, Remy Holdings, Inc. (formerly named Remy International, Inc.), the Lenders from time to time party thereto and the Administrative Agent entered into the Term B Loan Credit Agreement, which was amended and restated on March 5, 2013 and December 31, 2014 (as amended, restated, supplemented or otherwise modified from time to time, collectively the “Credit Agreement”);

WHEREAS, on December 17, 2010, the Grantors, the Administrative Agent and other grantors named therein, entered into the Security Agreement (as amended, restated, supplemented or otherwise modified from time to time, the “Security Agreement”);

WHEREAS, pursuant to the terms and conditions of the Security Agreement, the Grantors executed and delivered to the Administrative Agent, a series of Grant of Patent Security Interests and IP Security Agreement Supplements referenced below for recording with the United States Patent and Trademark Office (the “U.S.P.T.O.”) (including all annexes, exhibits or schedules thereto, as from time to time amended, restated, supplemented or otherwise modified, collectively the “Patent Security Agreements”);

WHEREAS, pursuant to the terms and conditions of the Security Agreement and Patent Security Agreements, the Grantors granted a security interest in favor of Administrative Agent, and Administrative Agent became a secured creditor with respect to, certain intellectual property of the Grantors, including the Patent Collateral (as defined below);

WHEREAS, pursuant to the Grant of Patent Security Interest, Remy Technologies, L.L.C. granted to the Administrative Agent a security interest in patents

executed on December 17, 2010 and recorded on December 20, 2010 at Reel No. 025521 and Frame No. 0387 in the U.S.P.T.O. (the “First Patent Security Agreement”);

WHEREAS, pursuant to the Grant of Patent Security Interest, Remy Holdings, Inc. (formerly named Remy International, Inc.) granted to the Administrative Agent a security interest in patents executed on December 17, 2010 and recorded on December 20, 2010 at Reel No. 025527 and Frame No. 0248 in the U.S.P.T.O. (the “Second Patent Security Agreement”);

WHEREAS, pursuant to the Grant of Patent Security Interest, Remy Power Products, L.L.C. (f/k/a Unit Parts Company) granted to the Administrative Agent a security interest in patents executed on December 17, 2010 and recorded on December 21, 2010 at Reel No. 025528 and Frame No. 0922 in the U.S.P.T.O. (the “Third Patent Security Agreement”);

WHEREAS, pursuant to the IP Security Agreement Supplement, Remy Holdings, Inc. (formerly named Remy International, Inc.); Remy Inc.; Remy Technologies, L.L.C.; Reman Holdings, L.L.C.; and Remy Electric Motors, L.L.C. granted to the Administrative Agent a security interest in patents executed on March 5, 2013 and recorded on March 5, 2013 at Reel No. 029923 and Frame No. 0933 in the U.S.P.T.O. (the “Fourth Patent Security Agreement”);

WHEREAS, pursuant to the IP Security Agreement Supplement, Remy Holdings, Inc. (formerly named Remy International, Inc.); Remy Inc.; Remy Technologies, L.L.C.; Reman Holdings, L.L.C.; and Remy Electric Motors, L.L.C. granted to the Administrative Agent a security interest in patents executed on March 25, 2013 and recorded on March 29, 2013 at Reel No. 030111 and Frame No. 0727 in the U.S.P.T.O. (the “Fifth Patent Security Agreement”);

WHEREAS, pursuant to the IP Security Agreement Supplement, Remy Technologies, L.L.C. granted to the Administrative Agent a security interest in patents executed on December 29, 2014 and recorded on December 29, 2014 at Reel No. 034595 and Frame No. 0304 in the U.S.P.T.O. (the “Sixth Patent Security Agreement”); and

WHEREAS, the Administrative Agent, on behalf of itself and the Secured Parties, has agreed to relinquish and release any and all rights it may have in the Patent Collateral set forth in the Patent Security Agreements.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent, on behalf of itself and the Secured Parties, hereby states as follows:

1. DEFINED TERMS. All initially capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement or, if not defined therein, in the Credit Agreement.

2. Release of Security Interest. The Administrative Agent hereby terminates, releases and forever discharges, without recourse or warranty, all of its right, title, claim and interest in and to: (i) all of Grantors' patents and patent applications, including those listed on Schedule A attached hereto; (ii) reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof; (iii) all rights (but not obligations) corresponding to the foregoing to sue for past, present and future infringements; and (iv) all proceeds, products, rents, profits from and other payments now or hereafter due and payable with respect to, any and all of the foregoing (collectively, the "Patent Collateral").

3. Further Assurances. The Administrative Agent hereby agrees to duly execute, acknowledge and deliver any further documents and to do such other acts as may be reasonably necessary to effect the release of the security interest in the Patent Collateral contemplated hereby.

4. Authorization. The Administrative Agent hereby authorizes and requests the Commissioner of Patents of the United States to record this Release.

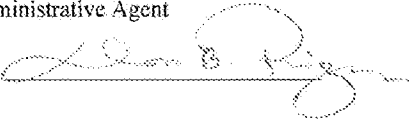
5. General Provisions.

- a. This Release may not be modified, nor may any provision hereof be waived, orally or in any manner other than by an agreement in writing signed by the parties hereto or their respective successors and assigns.
- b. All rights hereunder shall accrue to, and all obligations hereunder shall be binding upon, the heirs, representatives, successors, assigns and transferees of the parties hereto.
- c. This Release may be executed in any number of separate counterparts, each of which, when so executed, shall be deemed an original, and all of said counterparts taken together shall be deemed to constitute but one and the same instrument.
- d. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

[SIGNATURE PAGE FOLLOWS]

IN TESTIMONY WHEREOF, the Administrative Agent has caused this Release to be duly executed and delivered as of the date first above written.

BANK OF AMERICA, N.A., as
Administrative Agent

By: 

Name: Don B. Pinzon

Title: Vice President

{Signature page to Term Loan Release of Security Interest (Patents)}

SCHEDULE A

Patent Collateral Listed in First Patent Security Agreement.

Patents

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	5105114	Frame and magnet assembly for a dynamoelectric machine	19-Apr-92
Remy Technologies, L.L.C.	5505169	Electric engine starter	9-Apr-96
Remy Technologies, L.L.C.	5831357	Snap-on heat shield for a starter solenoid	3-Nov-98
Remy Technologies, L.L.C.	6081084	Sensorless power angle control for a vehicle alternator	12-May-99
Remy Technologies, L.L.C.	6232681	Electromagnetic device with embedded windings and method for its manufacture	15-May-01
Remy Technologies, L.L.C.	6109122	Starter motor assembly	29-Aug-00
Remy Technologies, L.L.C.	6630760	Coaxial starter motor assembly having a return spring spaced from the pinion shaft	7-Oct-03
Remy Technologies, L.L.C.	6552638	Semi-solid link solenoid	22-Apr-03
Remy Technologies, L.L.C.	6545243	Dynamic weld power termination for hot-staking armature commutators -	8-Apr-03
Remy Technologies, L.L.C.	6894455	Performance improvement of integrated starter alternator damper by changing stator winding connection	17-May-05
Remy Technologies, L.L.C.	6633099	Engagement and disengagement mechanism for a coaxial starter motor assembly	14-Oct-03
Remy Technologies, L.L.C.	6362544	Electromagnetic device with embedded windings and method for its manufacture (cont. of U.S. 6,232,681)	26-Mar-02

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	6825586	One piece stator lead and terminal insulator	30-Nov-04
Remy Technologies, L.L.C.	7202639	Apparatus for determining wear in the frictional components of an alternator	10-Apr-07
Remy Technologies, L.L.C.	7352583	Flexible lead for a pressfit diode bridge	1-Apr-08
Remy Technologies, L.L.C.	7348705	Multi-phase fractional slot windings for electric machines having segmented bar-shaped windings	25-Mar-08
Remy Technologies, L.L.C.	7456616	Current sensor for electric machine control	25-Nov-08
Remy Technologies, L.L.C.	7573155	Systems and methods for distributing loads	11-Aug-09
Remy Technologies, L.L.C.	7034428	Multi-set rectangular copper hairpin windings for electric machines	25-Apr-06
Remy Technologies, L.L.C.	7432626	Dynamolectric machine having reduced magnetic noise and method	7-Oct-08
Remy Technologies, L.L.C.	7365471	Internal cooling fan with a non-repeating blade configuration	29-Apr-08
Remy Technologies, L.L.C.	7624768	Method and apparatus for forming a wire to include coil segments	1-Dec-09
Remy Technologies, L.L.C.	7687952	Brushless alternator with stationary shaft	30-Mar-10
Remy Technologies, L.L.C.	7583005	Electric machine rotor pole piece with anti-coil rotation	1-Sep-09
Remy Technologies, L.L.C.	7828687	Modular planetary gear assembly and drive	9-Nov-10
Remy Technologies, L.L.C.	7788790	Method for forming a stator core	7-Sep-10
Remy Technologies, L.L.C.	7808137	Single track layer stator terminal assembly	5-Oct-10

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	7696666	Dynamoelectric machine grommet	13-Apr-10
Remy Technologies, L.L.C.	6894417	Multi-set rectangular copper hairpin windings for electric machines	17-May-05
Remy Technologies, L.L.C.	6744146	Electrical circuit for providing a reduced average voltage	1-Jun-04
Remy Technologies, L.L.C.	6911750	Electronic package for electrical machine	28-Jun-05
Remy Technologies, L.L.C.	6995486	Electronic package for electrical machine	7-Feb-06
Remy Technologies, L.L.C.	7015608	Method and apparatus to suppress electrical noise in a rotor assembly for an electrical machine	21-Mar-06
Remy Technologies, L.L.C.	6707225	Radiuses stator core end faces	16-Mar-04
Remy Technologies, L.L.C.	7256364	Method for simultaneous resistance brazing of adjacent conductor joints	14-Aug-07
Remy Technologies, L.L.C.	7145259	Engine starting motor anti-milling device	5-Dec-06
Remy Technologies, L.L.C.	7274121	Systems and methods for fastening internal cooling fans to claw- pole electro-mechanical machines	25-Sep-07
Remy Technologies, L.L.C.	7352091	Electronics package for electrical machine	1-Apr-08
Remy Technologies, L.L.C.	7417344	Electronics package for electrical machine (divisional)	26-Aug-08
Remy Technologies, L.L.C.	7078837	Method & apparatus for contamination protection for ball bearing assembly	18-Jul-06
Remy Technologies, L.L.C.	7209337	Electrical thermal overstress protection device	27-Apr-07
Remy Technologies, L.L.C.	7345391	Method and apparatus for attachment of a cover for a dynamoelectric machine	18-Mar-08

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	7466056	Dynamoelectric machine brush holder assembly and method	16-Dec-08
Remy Technologies, L.L.C.	7622843	Terminals and connections between multi-set segmented hairpin windings	24-Nov-09
Remy Technologies, L.L.C.	7623331	Method and system for improving voltage regulator accuracy in vehicle alternators	24-Nov-09
Remy Technologies, L.L.C.	7583062	Method and system for protecting voltage regulator driver circuitry during field coil short circuit condition	1-Sep-09
Remy Technologies, L.L.C.	7705512	Dynamoelectric machine conductor	27-Apr-10
Remy Technologies, L.L.C.	7283899	Vehicle alternator and methods for controlling torque loading of the vehicle alternator of an engine	16-Oct-07
Remy Technologies, L.L.C.	7821166	Dynamoelectric machine insulator and method	26-Oct-10
Remy Technologies, L.L.C.	7759838	Coil support for rotating electric machine	20-Jul-10
Remy Technologies, L.L.C.	7789337	Method of winding an electric motor core member	7-Sep-10
Remy Technologies, L.L.C.	7694909	Method of winding a flexible core	13-Apr-10
Remy Technologies, L.L.C.	7712697	Core winding apparatus and method of winding a core	11-May-10
Remy Technologies, L.L.C.	4636706	Generator voltage regulating system	13-Jan-87
Remy Technologies, L.L.C.	4606000	Bridge rectifier	12-Aug-86
Remy Technologies, L.L.C.	6864667	Stator winding pattern for reduced magnetic noise	08-Mar-05
Remy Technologies, L.L.C.	6278213	High slot fill stator design	21-Aug-01

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	6215285	Apparatus and method for providing an output signal indicative of engine rotational speed and/or generator rotational speed	10-Apr-01
Remy Technologies, L.L.C.	6225790	Apparatus and method for motion-based activation of a voltage regulator	01-May-01
Remy Technologies, L.L.C.	6483277	Common pin voltage regulator	19-Nov-02
Remy Technologies, L.L.C.	6651309	Method for fabricating a highly-dense powder iron pressed stator core for use in alternating current generators and electric motors	25-Nov-03
Remy Technologies, L.L.C.	6703758	Rotor for an AC generator	09-Mar-04
Remy Technologies, L.L.C.	6369471	Slip ring end (SRE) fan having coil lead retention feature	09-Apr-02
Remy Technologies, L.L.C.	6437475	Rotor slip ring and method of coil to slip ring termination	20-Aug-02
Remy Technologies, L.L.C.	6563247	AC generator having stator assembly with improved phase coil insertion order to reduce noise	13-May-03
Remy Technologies, L.L.C.	6630765	Coil lead and terminal securement caps for securing wires of a rotor	07-Oct-03
Remy Technologies, L.L.C.	6534990	Voltage regulator wake up control using frequency detection	18-Mar-03
Remy Technologies, L.L.C.	6707691	Compact rectifier bridge and method for manufacturing the same	16-Mar-04
Remy Technologies, L.L.C.	6781262	Generator and air deflector	24-Aug-04
Remy Technologies, L.L.C.	6800972	Generator and fan	05-Oct-04

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	6731031	Apparatus and method for heat sink device	04-May-04
Remy Technologies, L.L.C.	4961016	Dual-face cooling fan for a dynamoelectric machine	02-Oct-90
Remy Technologies, L.L.C.	5195241	Method of manufacturing a pulley with integral fastener and spacer	23-Mar-93
Remy Technologies, L.L.C.	5268605	Electrical field connection	07-Dec-93
Remy Technologies, L.L.C.	5315195	Self-attaching cover for a dynamoelectric machine	24-May-94
Remy Technologies, L.L.C.	5254896	Alternating current generator rotor	19-Oct-93
Remy Technologies, L.L.C.	5350959	Electrical connector for alternating current generators	27-Sep-94
Remy Technologies, L.L.C.	4959577	Alternating current generator	25-Sep-90
Remy Technologies, L.L.C.	5163883	Pulley with integral fastener and spacer	17-Nov-92
Remy Technologies, L.L.C.	5453648	Bridge rectifier having an output terminal stud	26-Sep-95
Remy Technologies, L.L.C.	5607525	Method of making an AC generator rotor segment	04-Mar-97
Remy Technologies, L.L.C.	5578885	Rotor assembly for hybrid alternator	26-Nov-96
Remy Technologies, L.L.C.	5625244	Fan and slip ring assembly	29-Apr-97
Remy Technologies, L.L.C.	5552651	Alternating current generator	03-Sep-96
Remy Technologies, L.L.C.	5773885	Thermally responsive compressive diode assembly	30-Jun-98
Remy Technologies, L.L.C.	5747913	Rotor for hybrid generator having improved magnet retention	05-May-98
Remy Technologies, L.L.C.	6351046	Compact dynamoelectric machine	26-Feb-02
Remy Technologies, L.L.C.	6580187	Rectifier assembly for an air-cooled generator	17-Jun-03

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	6787961	Automotive alternator stator assembly with varying end loop height between layers	9/7/2004
Remy Technologies, L.L.C.	6882077	Stator winding having cascaded end loops	4/19/2005
Remy Technologies, L.L.C.	6885124	Stator winding having radial aligned wraps	4/26/2005
Remy Technologies, L.L.C.	6930426	Alternator stator having a multiple filar construction to improve convective cooling	8/16/2005
Remy Technologies, L.L.C.	7129612	Stator assembly with cascaded winding and method of making same	10/31/2006
Remy Technologies, L.L.C.	7170211	Stator winding having transitions	1/30/2007
Remy Technologies, L.L.C.	7679253	Stator assembly with cascaded winding and method of making same	1/25/2007
Remy Technologies, L.L.C.	7005772	Stator winding having two slots per phase per pole	2/28/2006
Remy Technologies, L.L.C.	6828703	Diode interconnection in an alternator rectifier	12/7/2004
Remy Technologies, L.L.C.	6989622	Alternator having claw-pole rotor	1/24/2006
Remy Technologies, L.L.C.	7038347	Optimized alternator bobbin	5/2/2006
Remy Technologies, L.L.C.	6888271	High power density alternator bobbin	5/3/2005
Remy Technologies, L.L.C.	6707227	High power alternator field coil	3/16/2004
Remy Technologies, L.L.C.	6812602	Apparatus and method for retaining a cooling fan	11/2/2004
Remy Technologies, L.L.C.	7386931	Method for forming cascaded stator winding	6/17/2008
Remy Technologies, L.L.C.	7081697	Dynamolectric machine stator core with mini caps	7/25/2006

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	7042129	Stator of a rotary electric machine having secured core slot insulators	5/9/2006
Remy Technologies, L.L.C.	6940202	Electrical machine having a stator winding with a plurality of filars	9/6/2005
Remy Technologies, L.L.C.	6707181	Alternator fan	3/16/2004
Remy Technologies, L.L.C.	7269888	Method of making cascaded multiplayer stator winding with interleaved transition	9/18/2007
Remy Technologies, L.L.C.	6806617	Claw-pole alternator enhancing pole surface	10/19/2004
Remy Technologies, L.L.C.	7365467	Low noise stator winding having a phase angle shift	4/29/2008
Remy Technologies, L.L.C.	7687954	Brushless electric machine with stator with cascaded end loops	3/30/2010
Remy Technologies, L.L.C.	7525404	Moisture exhausting membrane in electrical solenoid	28-Apr-09
Remy Technologies, L.L.C.	7420353	Method and system for communicating voltage regulator switching information to a vehicle computer	9/2/08
Remy Technologies, L.L.C.	7531925	High current capacity rectifier package	05/12/09

Patent Applications

Grantor	Application Number	Title
Remy Technologies, L.L.C.	11/005719	Sealed and oil lubricated starter motor gear reduction and overrunning clutch mechanism
Remy Technologies, L.L.C.	Not Available	Metallic Alternator Bearing Retainer Ring

Grantor	Application Number	Title
Remy Technologies, L.L.C.	11/080746	Three-phase synchronous ac generator with electrically phase shifted stator windings for reduced mechanical and magnetic noise
Remy Technologies, L.L.C.	11/166264	Apparatus for routing conductors in electro-mechanical machine housings
Remy Technologies, L.L.C.	11/356336	Method for the manufacture of coil windings
Remy Technologies, L.L.C.	11/881150	Bearing retainer
Remy Technologies, L.L.C.	60/812788	Construction features used to protect permanent magnets of interior permanent magnet machines from local demagnetization
Remy Technologies, L.L.C.	11/811722	Electric machine with interior permanent magnets
Remy Technologies, L.L.C.	11/782322	Starter motor with bi-directional clutch
Remy Technologies, L.L.C.	11/832029	Dynamoelectric machine rotor & method for reducing torque ripple
Remy Technologies, L.L.C.	60/835811	Dynamoelectric machine rotor & method for reducing torque ripple
Remy Technologies, L.L.C.	11/772323	Brushless electric machine with stationary shaft and method of making same
Remy Technologies, L.L.C.	11/832926	Airflow cooling pattern for belt-driven vehicle electrical power generator
Remy Technologies, L.L.C.	11/832949	Magnet support & retention system for hybrid rotors
Remy Technologies, L.L.C.	11/741423	Electric machine and rotor for the same
Remy Technologies, L.L.C.	12/048327	Liquid cooling system of an electric machine
Remy Technologies, L.L.C.	Not Available	Starter motor planetary gear dampener with integrated interlock and sealing features
Remy Technologies, L.L.C.	11/771185	Integrated solenoid and ignition magnetic switch
Remy Technologies, L.L.C.	12/076031	24-volt engine start-up system

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/146669	Internal packaged alternator with microprocessor controlled multi-input regulator
Remy Technologies, L.L.C.	12/230755	Magnetic brake system for starter motor
Remy Technologies, L.L.C.	12/271365	Alternator regulator with variable rotor field frequency
Remy Technologies, L.L.C.	12/402105	Alternator regulator with automatic regulation dependent on system voltage
Remy Technologies, L.L.C.	12/177237	Spool assembly for an electric machine
Remy Technologies, L.L.C.	12/906561	Component for an electric machine
Remy Technologies, L.L.C.	12/419823	Method and device for bending electric machine conductors
Remy Technologies, L.L.C.	61/123227	Method and device for twisting stator windings
Remy Technologies, L.L.C.	Not Available	Release solenoid contact terminals electrical stress by offset solenoid terminals
Remy Technologies, L.L.C.	12/203229	Dynamoelectric machine electrical system and method
Remy Technologies, L.L.C.	12/621174	Apparatus for loading stator windings into a stator core
Remy Technologies, L.L.C.	12/685966	Apparatus for loading stator windings into a stator core
Remy Technologies, L.L.C.	12/371032	Brush holder assembly for a dynamo-electric machine
Remy Technologies, L.L.C.	12/691082	Electric machine with isolated ground electronics
Remy Technologies, L.L.C.	12/415184	Electric motor core member
Remy Technologies, L.L.C.	12/396664	Mechanical fastener having a thread staking mechanism
Remy Technologies, L.L.C.	12/391688	Sensor including an anti-rotation mechanism
Remy Technologies, L.L.C.	61/346964	Stator winding assembly and method
Remy Technologies, L.L.C.		Integral Redundant Motor System

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/632282	Alternator for charging multiple electric storage devices
Remy Technologies, L.L.C.	12/627294	Rotating directional coolant spray for electric machine
Remy Technologies, L.L.C.	12/478901	Method of winding a plurality of stator teeth of a segmented stator core
Remy Technologies, L.L.C.	12/947186	Reversible planetary gear assembly
Remy Technologies, L.L.C.	61/261635	Hybrid electric motor with reversible planetary gear set
Remy Technologies, L.L.C.	12/947260	Electric motor and planetary gear assembly
Remy Technologies, L.L.C.	12/947320	Traction motor and planetary gear assembly
Remy Technologies, L.L.C.	12/763859	Alternator with dual axial air flow
Remy Technologies, L.L.C.	Not Available	Improved oil seal retention for 50dn alternator
Remy Technologies, L.L.C.	61/364655	Electric machine alignment adapter
Remy Technologies, L.L.C.	12/573678	Stator assembly including a terminal block for an electric machine
Remy Technologies, L.L.C.	12/716549	Airflow passage arrangement for claw-pole electric machines
Remy Technologies, L.L.C.	Not Available	Opportunistic charging alternator regulator and adaptor
Remy Technologies, L.L.C.	12/640297	Stator core for an electric machine
Remy Technologies, L.L.C.	12/616416	Liquid cooled stator terminal block for an electric machine
Remy Technologies, L.L.C.	61/248797	Lamination assembly for an electric machine
Remy Technologies, L.L.C.	61/352757	Rotor lamination cooling for electric machine
Remy Technologies, L.L.C.	12/776973	Rotor lamination assembly
Remy Technologies, L.L.C.	12/776988	Rotor lamination assembly
Remy Technologies, L.L.C.	12/824704	Rotor fan for an electric machine
Remy Technologies, L.L.C.	12/796563	Electric machine cooling system and method

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/767710	Solenoid with reverse turn spool hub projection
Remy Technologies, L.L.C.	61/331079	Real time rotor component temperature monitoring
Remy Technologies, L.L.C.	61/345946	Stator sleeve for electric machine
Remy Technologies, L.L.C.	61/362941	Electric machine with integrated clutch
Remy Technologies, L.L.C.	12/796557	Electric machine cooling system and method
Remy Technologies, L.L.C.	12/786098	Rotor lamination assembly
Remy Technologies, L.L.C.	61/331209	Method and apparatus for cooling a stator assembly
Remy Technologies, L.L.C.	61/363872	Stator sleeve for an electric machine and method of establishing a coolant cavity about a stator for an electric machine
Remy Technologies, L.L.C.	12/851306	Phase loop for parallel path electric machine
Remy Technologies, L.L.C.	12/838095	Electric motor having a selectively adjustable base speed
Remy Technologies, L.L.C.	12/885751	Parallel path phase lead exits from electric machine
Remy Technologies, L.L.C.	61/347276	Rotor lamination with internal cooling passageways
Remy Technologies, L.L.C.	61/331179	Rotating coolant guide for an electric machine
Remy Technologies, L.L.C.	61/331221	Method of stator end turn cooling
Remy Technologies, L.L.C.	12/886003	Electric machine system including an electric machine having switched stator windings
Remy Technologies, L.L.C.	12/796596	Gravity fed oil cooling for electric machine
Remy Technologies, L.L.C.	Not Available	Assembly friendly motor electrical terminal
Remy Technologies, L.L.C.	12/886021	Switch module for an electric machine having switchable stator windings

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/815266	Electric machine cooling system and method
Remy Technologies, L.L.C.	61/351755	Method and apparatus for cooling an electric machine
Remy Technologies, L.L.C.	Not Available	Integral stator and cooling jacket concept
Remy Technologies, L.L.C.	12/841434	Radial pin coupled hub and rim assembly
Remy Technologies, L.L.C.	Not Available	Multi-media cooling of electric motors for high power density electric motors
Remy Technologies, L.L.C.	Not Available	Starter motor armature with built-in torque limiter
Remy Technologies, L.L.C.	61/365654	Cooling method for rotating machinery
Remy Technologies, L.L.C.	12/879618	Electric machine including a stator having a stator sleeve and method of cooling a stator
Remy Technologies, L.L.C.	Not Available	Remote sense switch circuit
Remy Technologies, L.L.C.	Not Available	Integral pump and/or scavenge system for electric motor cooling
Remy Technologies, L.L.C.	12/897667	Internal cooling of stator assembly in an electric machine
Remy Technologies, L.L.C.	12/881360	Life monitor for electric machine
Remy Technologies, L.L.C.	12/834991	Magnetic flux carrying sleeve member for an electric machine
Remy Technologies, L.L.C.	12/882370	Permanent magnet rotor for electric machine
Remy Technologies, L.L.C.	12/904848	Split drain system and method for an electric machine module
Remy Technologies, L.L.C.	12/897677	Coolant channels for electric machine stator
Remy Technologies, L.L.C.	12/897663	Coolant channels for electric machine stator
Remy Technologies, L.L.C.	Not Available	Air purging for oil cooled electric machines

Grantor	Application Number	Title
Remy Technologies, L.L.C.	Not Available	Multi-media cooled electric machine with external cooling jack and internal spray oil
Remy Technologies, L.L.C.	12/893698	Electric machine cooling system and method
Remy Technologies, L.L.C.	Not Available	Improved Hairpin End Turn Cooling
Remy Technologies, L.L.C.	12/942881	Rotor lamination cooling system and method
Remy Technologies, L.L.C.	12/858928	Conductor insulation arrangement for an electric machine
Remy Technologies, L.L.C.	Not Available	Clam shell rotor construction
Remy Technologies, L.L.C.	Not Available	Inboard through bolts
Remy Technologies, L.L.C.	Not Available	Cooling system for electric motors
Remy Technologies, L.L.C.	12/883102	Potted end turns of an electric machine
Remy Technologies, L.L.C.	Not Available	Integrated resolver and rotor for IPM motor/generator
Remy Technologies, L.L.C.	12/860976	Disk style centrifugal pump
Remy Technologies, L.L.C.	12/858916	Auxiliary device using primary inverter feeds
Remy Technologies, L.L.C.	12/858800	Material matrix for cooling media enhancement
Remy Technologies, L.L.C.	Not Available	Oil water cooling combinations
Remy Technologies, L.L.C.	12/858867	Reject heat driven absorption cooling cycle
Remy Technologies, L.L.C.	12/897634	Coolant drainage system and method for electric machines
Remy Technologies, L.L.C.	12/779431	Integrated magnetic switch assembly for a vehicle starter solenoid and method of forming an integrated magnetic switch assembly
Remy Technologies, L.L.C.	12/953025	Rotor lamination compression sleeve for an electric machine
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated temperature sensor shield

Grantor	Application Number	Title
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated sensor - bearing temperature
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated sensor - coolant temperature
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated sensor - rotor temperature
Remy Technologies, L.L.C.	Not Available	Lower cooling baffle for liquid cooled electric motor
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated sensor - vibration
Remy Technologies, L.L.C.	Not Available	Hairpin stator winding termination
Remy Technologies, L.L.C.	Not Available	Oil cooled high output & high efficiency brushless alternator
Remy Technologies, L.L.C.	Not Available	Electric machine with series-parallel winding pattern
Remy Technologies, L.L.C.	Not Available	Ball detent torque limiter for starter motors
Remy Technologies, L.L.C.	12/939325	Electric machine system including an alternating electric current (AC) electric machine having a switch module
Remy Technologies, L.L.C.	12/939313	Electric machine system including an alternating current (AC) electric machine having an expandable coolant manifold
Remy Technologies, L.L.C.	12/939332	Cooling system for an electric machine system including an alternating current (AC) electric machine having an integrated switch assembly
Remy Technologies, L.L.C.	12/939343	Inverter for an electric machine
Remy Technologies, L.L.C.	12/939359	Electric machine having an integrated inverter
Remy Technologies, L.L.C.	Not Available	Electric machine with integrated switching mechanism - elimination of multi-phase cabling

Grantor	Application Number	Title
Remy Technologies, L.L.C.	Not Available	Integrated motor cover and cooling pump
Remy Technologies, L.L.C.	Not Available	Concentric motor power generation and drive system
Remy Technologies, L.L.C.	12/950455	Motor starter including an armature having an integral drive system
Remy Technologies, L.L.C.	Not Available	Use of a hybrid/electric vehicle range extender for battery temperature compensation in cold climates
Remy Technologies, L.L.C.	12/950404	Transmission member including an electric motor having an integrated differential
Remy Technologies, L.L.C.	12/886978	Starter motor assembly with soft start solenoid
Remy Technologies, L.L.C.	12/887069	Starter solenoid with spool for retaining coils
Remy Technologies, L.L.C.	12/887168	Starter solenoid with rectangular coil winding
Remy Technologies, L.L.C.	Not Available	Emi/RFI cover
Remy Technologies, L.L.C.	12/887308	Starter motor solenoid with variable reluctance plunger
Remy Technologies, L.L.C.	Not Available	Printed Insulated Temperature Sensing Tube
Remy Technologies, L.L.C.	Not Available	Electric Machine with Integrated Sensor - Flux Measurement for Rotor Temperature
Remy Technologies, L.L.C.	Not Available	Electric Machine with Integrated Sensor - Capacitance Sensor for Motor Oil Level
Remy Technologies, L.L.C.	Not Available	Rotor Magnet Bridge with Relief Cut
Remy Technologies, L.L.C.	Not Available	Low Cost Position Sensing for 3 Phase IPM Motors
Remy Technologies, L.L.C.	Not Available	Grooved Clutch Roll Elements
Remy Technologies, L.L.C.	Not Available	Electric Machine with Fully Enclosed in-Slot conductors

Grantor	Application Number	Title
Remy Technologies, L.L.C.	Not Available	Magnet Retention and Slot Fill Apparatus For a Permanent Magnet Rotor of an Electric Machine
Remy Technologies, L.L.C.	Not Available	Electric Machine with Fully Enclosed in-Slot conductors With Different Quantity of Tubes per Slot
Remy Technologies, L.L.C.	Not Available	Integral Pump and/or Scavenge System for Electric Motor Cooling
Remy Technologies, L.L.C.	12/950516	Gear lash control member for a differential gear set and method of establishing gear lash
Remy Technologies, L.L.C.	12/950489	Method of assembling a differential gearset
Remy Technologies, L.L.C.	12/950602	Anti-rotation pin for a planetary gear utilizing a two-piece carrier
Remy Technologies, L.L.C.	Not Available	Electric Machine With Case Copper Conductors
Remy Technologies, L.L.C.	12/950589	Gear shock control member for a drive train component gear set
Remy Technologies, L.L.C.	12/950553	Locking ring for a planetary gear set incorporated into a transmission member
Remy Technologies, L.L.C.	Not Available	Dual Electric Motor Assembly
Remy Technologies, L.L.C.	Not Available	Rotor Hub Module
Remy Technologies, L.L.C.	Not Available	Multiple Function Conductor Extension for Hairpin Winding
Remy Technologies, L.L.C.	Not Available	Offset Starter Motor Brush
Remy Technologies, L.L.C.	Not Available	Composite High Strength Sleeve
Remy Technologies, L.L.C.	Not Available	Asynchronous Boost Assistant
Remy Technologies, L.L.C.	Not Available	Center Adapter Plate
Remy Technologies, L.L.C.	Not Available	Modular Low Inertia Hub for Electric Machine Rotor Assemblies
Remy Technologies, L.L.C.	Not Available	High Efficiency Heat Transfer Jacket
Remy Technologies, L.L.C.	Not Available	Printed Wire Board Switch

Grantor	Application Number	Title
Remy Technologies, L.L.C.	Not Available	Winding Process of Continuous Conductor Winding
Remy Technologies, L.L.C.	Not Available	Continuous conductor winding forming for square or rectangular wire using a die former
Remy Technologies, L.L.C.	Not Available	Weld end cap for conductors
Remy Technologies, L.L.C.	Not Available	Insertion Method for Continuously Formed Square or Rectangular Wire
Remy Technologies, L.L.C.	Not Available	Continuous Conductor Forming for Square or Rectangular wire using U or P shaped conductors
Remy Technologies, L.L.C.	61/410283	Drive system
Remy Technologies, L.L.C.	Not Available	Drive system
Remy Technologies, L.L.C.	Not Available	Slot cooling method for long stack rotating electric machines
Remy Technologies, L.L.C.	Not Available	Slinky lamination for starter motors
Remy Technologies, L.L.C.	Not Available	Armature twister, axial tooling movement versus twist angle formula
Remy Technologies, L.L.C.	Not Available	Finned rear housing for alternator
Remy Technologies, L.L.C.	12/052932	Apparatus and method for forming wire loops for a dynamoelectric machine

Patent Collateral Listed in Second Patent Security Agreement.

Patents

Grantor	Patent Number	Title	Issue Date
Remy International, Inc.	7808148	Stator winding assembly and method	5-Oct-10

Patent Applications

Grantor	Application Number	Title
Remy International, Inc.	11/303321	Motor vehicle charging system with remote temperature compensation
Remy International, Inc.	12/164106	Starter solenoid with vibration resistant features
Remy International, Inc.	11/972115	Stator winding having same radial positions
Remy International, Inc.	11/801204	Torque limiter for engine starter

Patent Collateral Listed in Third Patent Security Agreement.

Patents

Grantor	Patent Number	Title	Issue Date
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	5907203	Voltage regulator spacing member	25-May-99
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	5998891	Alternator with improved battery terminal assembly	7-Dec-99
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6020662	Voltage regulator spacing member	25-May-99
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6140722	Alternator system	31-Oct-00
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6304012	Alternator	16-Oct-01
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6476527	Alternator system	5-Nov-02
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6476509	Mobile AC power system	5-Nov-02
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6252320	Alternator system	26-Jun-01
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	6160333	Alternator	12-Dec-00
Remy Power Products, L.L.C. (f/k/a Unit Parts Company)	5649510	Heat shield apparatus for the solenoid of a starter	22-Jul-97

Patent Collateral Listed in Fourth Patent Security Agreement.

Patents

Grantor	Patent Number	Title	Issue Date
Remy Technologies, L.L.C.	D649977	Drive system	6-Dec-11
Remy Technologies, L.L.C.	8281481	Method for loading stator windings into a stator core	9-Oct-12
Remy Technologies, L.L.C.	8291577	Apparatus for loading stator windings into a stator core	23-Oct-12
Remy Technologies, L.L.C.	8344833	Electric machine including a switch terminal and method of connecting an end portion of a wire to a terminal of an electric machine	1-Jan-13
Remy Technologies, L.L.C.	5281881	Frame and magnet assembly for a dynamoelectric machine	25-Jan-94
Remy Technologies, L.L.C.	5353491	Method of making frame and magnet assembly for a dynamoelectric machine	11-Oct-94
Remy Technologies, L.L.C.	5753992	Single piece brush fixture for dynamoelectric machine	19-May-98
Remy Technologies, L.L.C.	8297101	Apparatus and method for forming wire loops for a dynamoelectric machine	30-Oct-12

Patent Applications

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/953033	Concentric motor power generation and drive system
Remy Technologies, L.L.C.	12/960628	Winding apparatus for a plurality of stator teeth of a segmented stator core

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/985403	Electric machine having integrated resolver
Remy Technologies, L.L.C.	13/007117	Electric machine having an integrated rotor temperature sensor
Remy Technologies, L.L.C.	13/007154	Electric machine with integrated bearing temperature sensor
Remy Technologies, L.L.C.	13/007181	Electric machine with integrated coolant temperature sensor
Remy Technologies, L.L.C.	13/007199	Electric machine having an integrated vibration sensor
Remy Technologies, L.L.C.	13/007224	Permanent magnet electric machine having an integrated magnetic flux sensor
Remy Technologies, L.L.C.	13/007243	Electric machine having an integrated coolant level sensor
Remy Technologies, L.L.C.	13/010877	Stator winding connection arrangement
Remy Technologies, L.L.C.	13/010898	Method of blocking electro-magnetic interference (EMI) in an electric machine and apparatus
Remy Technologies, L.L.C.	13/016940	Electric machine cooling system and method
Remy Technologies, L.L.C.	13/031512	Alternator assembly with opportunistic voltage regulation system
Remy Technologies, L.L.C.	13/050406	Position sensing system for a three (3) phase electric motor
Remy Technologies, L.L.C.	13/051931	Electric machine with fully enclosed in-slot conductors

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/051954	Conductor insulation arrangement for electric machine winding
Remy Technologies, L.L.C.	13/081191	Asynchronous boost assist system for a motor vehicle
Remy Technologies, L.L.C.	13/085321	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/100917	Tandem electric motor vehicle drive system
Remy Technologies, L.L.C.	13/101044	Electric machine component temperature monitoring
Remy Technologies, L.L.C.	13/101049	Electric machine cooling system and method
Remy Technologies, L.L.C.	13/101056	Electric machine cooling system and method
Remy Technologies, L.L.C.	13/104843	Cooling combinations for electric machines
Remy Technologies, L.L.C.	13/110772	Sleeve member for an electric machine
Remy Technologies, L.L.C.	13/112204	Stator winding assembly and method
Remy Technologies, L.L.C.	13/153865	Electric machine cooling system and method
Remy Technologies, L.L.C.	13/156129	Electric machine cooling system and method
Remy Technologies, L.L.C.	13/172406	Stator sleeve for an electric machine and method of establishing a coolant cavity about a stator for an electric machine
Remy Technologies, L.L.C.	13/179040	Electric machine alignment adapter

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/180342	Electric machine with cooling pipe coiled around stator assembly
Remy Technologies, L.L.C.	13/181160	A rotor hub and method of assembly for an electric machine
Remy Technologies, L.L.C.	13/181264	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/289647	Drive system
Remy Technologies, L.L.C.	13/355941	Machine with high voltage enclosure cover
Remy Technologies, L.L.C.	13/488327	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/541528	Electric machine module insulation system and method
Remy Technologies, L.L.C.	13/550042	Method and arrangement for cooling claw-pole electric machines

Patent Collateral Listed in Fifth Patent Security Agreement.

Patent Applications

Grantor	Application Number	Title
Remy Technologies, L.L.C.	12/858867	Reject heat driven absorption cooling cycle
Remy Technologies, L.L.C.	12/858916	Auxiliary device using primary inverter feeds
Remy Technologies, L.L.C.	13/174554	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/178757	Cooling system and method for an electronic machine
Remy Technologies, L.L.C.	13/179020	Electric machine with integrated clutch
Remy Technologies, L.L.C.	13/186334	Cooling system and method for an electric machine module
Remy Technologies, L.L.C.	13/198939	Method for loading stator windings into a stator core
Remy Technologies, L.L.C.	13/207301	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/220428	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/231491	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/233187	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/235048	Composite conductor insulation
Remy Technologies, L.L.C.	13/236685	Electrical machine with winding conductor having ceramic insulation
Remy Technologies, L.L.C.	13/240557	Stator terminal block for a multi-phase electric machine
Remy Technologies, L.L.C.	13/242648	Alternator having a heat sink and method
Remy Technologies, L.L.C.	13/243525	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/243904	Cooling system and method for electronic machines
Remy Technologies, L.L.C.	13/244321	Starter motor having clutch with grooved roller elements

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/269224	Electric machine module
Remy Technologies, L.L.C.	13/269267	Self securing brazing preform clip
Remy Technologies, L.L.C.	13/270.408	Voltage regulation system and method
Remy Technologies, L.L.C.	13/279963	Electric machine with magnet holder
Remy Technologies, L.L.C.	13/282954	Conductor weld-end length control forming
Remy Technologies, L.L.C.	13/289519	Method and apparatus for fastening cooling fans to electro-mechanical machines
Remy Technologies, L.L.C.	13/289647	Drive system
Remy Technologies, L.L.C.	13/297916	Electric machine with end ring and supporting tab
Remy Technologies, L.L.C.	13/298813	Method of winding a stator core with a continuous conductor having a rectangular cross-section and a stator core
Remy Technologies, L.L.C.	13/298866	Continuous stator winding having a rectangular cross-section and method
Remy Technologies, L.L.C.	13/298890	Method of p-forming a continuous conductor having a rectangular cross section and a stator including a stator winding formed from a p-formed conductor having a rectangular cross-section
Remy Technologies, L.L.C.	13/299964	Low-profile connection system
Remy Technologies, L.L.C.	13/300417	Wrapped wire for electric machine
Remy Technologies, L.L.C.	13/300463	Electric machine with insulator spacer
Remy Technologies, L.L.C.	13/312008	Starter motor with torque limiter
Remy Technologies, L.L.C.	13/312133	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/312296	Composite sleeve for a conductor and method
Remy Technologies, L.L.C.	13/312325	Stator including conductors provided with a composite sleeve

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/314031	Spacer for supporting conductors in an electric machine
Remy Technologies, L.L.C.	13/326848	Induction rotor shorting ring retention structure
Remy Technologies, L.L.C.	13/328190	Electric machine including insulated slot liner with temperature sensor
Remy Technologies, L.L.C.	13/335144	Electric machine with encapsulated end turns
Remy Technologies, L.L.C.	13/338445	Overmolded interlock assembly for electric machine
Remy Technologies, L.L.C.	13/338629	Dual magnet rotor
Remy Technologies, L.L.C.	13/341445	Magnetic stud finder with flexible member carrying multiple magnetic elements
Remy Technologies, L.L.C.	13/341702	Starter motor assembly with soft start solenoid
Remy Technologies, L.L.C.	13/341725	Starter motor assembly
Remy Technologies, L.L.C.	13/342502	Starter motor including a conductor mounting element
Remy Technologies, L.L.C.	13/342692	Conductor weld-end forming process
Remy Technologies, L.L.C.	13/344013	Housing assembly with reed switch and magnet
Remy Technologies, L.L.C.	13/344079	Safety cover with integrated magnet for reed switch
Remy Technologies, L.L.C.	13/357644	Stator assembly for an electric machine
Remy Technologies, L.L.C.	13/363860	Induction rotor end ring support device
Remy Technologies, L.L.C.	13/369066	Center adapter assembly
Remy Technologies, L.L.C.	13/370673	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/403273	Electric machine module
Remy Technologies, L.L.C.	13/404227	Starter machine system and method
Remy Technologies, L.L.C.	13/404598	Alternator brush holder
Remy Technologies, L.L.C.	13/404755	Starter machine system and method

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/407651	Starter machine system and method
Remy Technologies, L.L.C.	13/419105	Terminal block including a conductor routing system for an apparatus including an electrical component and method of routing a conductor across a terminal block
Remy Technologies, L.L.C.	13/425109	Terminal block holder
Remy Technologies, L.L.C.	13/440915	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/442655	Starter machine system and method
Remy Technologies, L.L.C.	13/442776	Starter machine system and method
Remy Technologies, L.L.C.	13/449550	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/456013	Starter machine system and method
Remy Technologies, L.L.C.	13/460381	Electric machine module insulation system and method
Remy Technologies, L.L.C.	13/461506	Assembly method for induction rotors
Remy Technologies, L.L.C.	13/461572	Method of assembling induction rotors
Remy Technologies, L.L.C.	13/462419	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/466469	Variable flux electric starter motor and method of operating the same
Remy Technologies, L.L.C.	13/466525	Variable flux electric starter machine having dual fields and method of operating the same
Remy Technologies, L.L.C.	13/471705	Conductor spacer clip
Remy Technologies, L.L.C.	13/481024	Variable flux electric starter machine having dual fields and method of operating the same
Remy Technologies, L.L.C.	13/488327	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/488971	Concentric motor power generation and drive system

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Remy Technologies, L.L.C.	13/490257	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/493249	Armature with torque limiter for engine starter
Remy Technologies, L.L.C.	13/495519	Machine housing having a conductor seal system
Remy Technologies, L.L.C.	13/495658	Electric motor including a positive pressure introduction system and method
Remy Technologies, L.L.C.	13/530362	High voltage protection interlock system for serviceability
Remy Technologies, L.L.C.	13/542320	Electric machine having a cooling system and method of cooling an electric machine
Remy Technologies, L.L.C.	13/543104	Stator torque retention feature for a cast-in stator assembly
Remy Technologies, L.L.C.	13/552512	Electromechanical power transmission system and method
Remy Technologies, L.L.C.	13/557890	Buss bar assembly having alignment and retention feature
Remy Technologies, L.L.C.	13/558839	Permanent magnet rotor with resin-covered magnet and lamination for thermal control
Remy Technologies, L.L.C.	13/565355	Stator including conductors provided with a ceramic covering
Remy Technologies, L.L.C.	13/565525	Angled weld end turns for coolant access
Remy Technologies, L.L.C.	13/567372	Electric machine with single or dual-shape winding configuration and method
Remy Technologies, L.L.C.	13/571941	Starter pinion engagement tester
Remy Technologies, L.L.C.	13/589872	Electric machine cooling
Remy Technologies, L.L.C.	13/595704	Method of manufacturing an electric machine with segmented permanent magnets
Remy Technologies, L.L.C.	13/608514	Permanent magnet electric machine having magnets provided with a thermal enhancement bonding coating

Grantor	Application Number	Title
Remy Technologies, L.L.C.	13/608673	Lamination assembly including an inter-lamination thermal transfer member for an electric machine
Remy Technologies, L.L.C.	13/609574	Permanent magnet electric machine including permanent magnets having a sleeve formed from a thermal interface material
Remy Technologies, L.L.C.	13/611583	Electro-dynamic machine with coolant chargeable bladder
Remy Technologies, L.L.C.	13/613173	Thermal management of an ipm motor with containerized fluid
Remy Technologies, L.L.C.	13/622798	Motor cooling system with potted end turns
Remy Technologies, L.L.C.	13/626505	Slot liner for electro-dynamic machine
Remy Technologies, L.L.C.	13/633308	Electromagnetic interference shield and balance ring for electrical machine
Remy Technologies, L.L.C.	13/633614	Electric machine including a housing having materially integrally formed coolant channels and an outer sleeve
Remy Technologies, L.L.C.	13/646168	One piece rotor hub/shaft for an electric machine and method
Remy Technologies, L.L.C.	13/646515	Starter motor
Remy Technologies, L.L.C.	13/647812	Method for twisting an armature
Remy Technologies, L.L.C.	13/652946	Electric machine housing
Remy Technologies, L.L.C.	13/654563	Buss bar assembly
Remy Technologies, L.L.C.	13/658371	Conductor with divot for improved form factor
Remy Technologies, L.L.C.	13/659568	Ipm rotor magnet slot geometry for improved heat transfer
Remy Technologies, L.L.C.	13/666724	Motor cooling features
Remy Technologies, L.L.C.	13/670654	Method and apparatus for reducing torque variation in motor drive systems
Remy Technologies, L.L.C.	13/672219	Method of operating variable flux electric starter machine having dual fields

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Remy Technologies, L.L.C.	13/673234	Thermal management of an ipm motor with non-magnetic bars
Remy Technologies, L.L.C.	13/676010	Starter system
Remy Technologies, L.L.C.	13/678486	Starter system
Remy Technologies, L.L.C.	13/678494	Starter system
Remy Technologies, L.L.C.	13/678515	Starter system
Remy Technologies, L.L.C.	13/705993	Front fan retention in dual internal fan alternator
Remy Technologies, L.L.C.	13/706629	Electric machine module cooling system and method
Remy Technologies, L.L.C.	13/721856	Rotor assembly having liquid cooling
Remy Technologies, L.L.C.	13/722027	Rotor assembly having a coolant agitation system and method
Remy Technologies, L.L.C.	13/722126	Connector member including a locking element
Remy Technologies, L.L.C.	13/728481	Multi-grade magnet for an electric machine
Remy Technologies, L.L.C.	13/743408	Method of operating an electric machine having an integrated coolant level sensor
Remy Technologies, L.L.C.	13/743710	Apparatus for installing stator winding conductors
Remy Technologies, L.L.C.	13/744147	Electric motor stator housing interference gap reducing method and apparatus
Remy Technologies, L.L.C.	13/744167	Electric motor rotor thermal interface with axial heat sinks
Remy Technologies, L.L.C.	13/744229	Electric motor rotor thermal interface for hub/shaft
Remy Technologies, L.L.C.	13/759501	Electric machine and a method of constructing a commutator for an electric machine
Remy Technologies, L.L.C.	29/438843	Mosfet rectifier bridge power pack
Remy Technologies, L.L.C.	61/616304	Ipm machine with thermally conductive compound
Remy Technologies, L.L.C.	61/640333	Apparatuses and methods for covering access ports
Remy Technologies, L.L.C.	61/641628	Alternator with lockout phase

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Remy Technologies, L.L.C.	61/650614	Thermally conductive coating for permanent magnets in electric machine
Remy Technologies, L.L.C.	61/668919	Starter Machine System and Method
Remy Technologies, L.L.C.	61/670189	Buss bar assembly having printed buss bar plates
Remy Technologies, L.L.C.	61/670200	Segmented electric machine core secured with belt
Remy Technologies, L.L.C.	61/670236	Electric machine with buss bar and method of manufacture
Remy Technologies, L.L.C.	61/670249	Buss bar assembly having axially stacked buss bar plates
Remy Technologies, L.L.C.	61/670473	Interlocking coil isolators for resin retention in a segmented stator assembly
Remy Technologies, L.L.C.	61/670485	Integrated phase connection isolator with individual phase isolator
Remy Technologies, L.L.C.	61/672451	Permanent magnet (pm) electric machine including permanent magnets provided with a sacrificial coating having a thermal interface material (tim)
Remy Technologies, L.L.C.	61/681422	Permanent magnet (pm) electric machine including permanent magnets
Remy Technologies, L.L.C.	61/681825	Phase lockout circuit
Remy Technologies, L.L.C.	61/696652	Interchangeable magnetic switch shield connector
Remy Technologies, L.L.C.	61/698052	Mounting structure and method for resolver rotor
Remy Technologies, L.L.C.	61/698497	Variable reluctance resolver having integral electromagnetic interference shield and rotary electric machine having same
Remy Technologies, L.L.C.	61/701376	Electric machine with thermal transfer by liquid
Remy Technologies, L.L.C.	61/711019	Housing assembly and electric machine
Remy Technologies, L.L.C.	61/733040	Air cooled electric machine

Grantor	Application Number	Title
Remy Technologies, L.L.C.	61/733263	Systems, devices, and methods for providing a power supply buss in an electrical machine
Remy Technologies, L.L.C.	61/733552	Electric machine and accessory
Remy Technologies, L.L.C.	61/733679	System, method, and circuitry to rectify an alternating current signal with mosfet half-bridge circuitry
Remy Technologies, L.L.C.	61/733807	Air vectoring cover
Remy Technologies, L.L.C.	61/733838	Mosfet rectifier bridge configuration
Remy Technologies, L.L.C.	61/734857	Method and system to provide load dump protection
Remy Technologies, L.L.C.	61/763810	Noise reducing features on cooling fan

Patent Collateral Listed in Sixth Patent Security Agreement.

Patents and Patent Applications

Grantor	Patent Number	Application Number	Title	Patent/ Application Date
Remy Technologies, L.L.C.	8482169	12/966778	Electric machine cooling system and method	7/9/2013
Remy Technologies, L.L.C.	8771123	13/873900	Reversible planetary gear assembly	7/8/2014
Remy Technologies, L.L.C.		14/058780	Method for forming and annealing an insulated conductor	10/21/2013
Remy Technologies, L.L.C.		14/021797	Component for an for an electric machine	9/9/2013
Remy Technologies, L.L.C.		13/971311	Planetary gear assembly of a starter motor	8/20/2013
Remy Technologies, L.L.C.		13/963609	Permanent magnet (PM) electric machine including permanent magnets	9/9/2013
Remy Technologies, L.L.C.		13/953077	Insulation component for an electric machine and method of assembly	7/29/2013
Remy Technologies, L.L.C.		13/935624	Alternator including electrical connector assembly	7/5/2013
Remy Technologies, L.L.C.		13/895941	Alternator fan	5/16/2013
Remy Technologies, L.L.C.		13/894917	Electric machine including a thermal control module	5/15/2013
Remy Technologies, L.L.C.		13/894936	Electric machine including an adaptable cooling system	5/15/2013
Remy Technologies, L.L.C.		13/863794	Method of-flaring stator windings	4/16/2013
Remy Technologies, L.L.C.		13/837102	Starter	3/15/2013
Remy Technologies, L.L.C.		13/842864	Starter	3/15/2013
Remy Technologies, L.L.C.		13/829387	Coil arrangement with intermediary wire tie-off	3/14/2013

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Remy Technologies, L.L.C.		13/828514	Method and arrangement for mounting stator core in housing	3/14/2013
Remy Technologies, L.L.C.		13/803198	Electric machine including a temperature sensing system	3/14/2013
Remy Technologies, L.L.C.		13/800302	Transverse flux stator core manufacture	3/13/2013
Remy Technologies, L.L.C.		13/801668	Starter	3/13/2013
Remy Technologies, L.L.C.		13/781216	Electric machine with v-riser commutator	2/28/2013
Remy Technologies, L.L.C.		13/751649	Electric machine cooling	1/28/2013
Remy Technologies, L.L.C.		13/630497	Electric machine including a shaft having a pump vane	9/28/2012
Remy Technologies, L.L.C.		13/481092	Variable flux electric starter motor and method of operating the same	5/25/2012
Remy Technologies, L.L.C.		13/338629	Dual magnet rotor	12/28/2011
Remy Technologies, L.L.C.		14/301989	Method of winding a stator core with a continuous conductor having a rectangular cross-section and a stator core	6/11/2014