

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM435925

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|---|--|-----------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| TecumsehPower Company | | 02/09/2009 | Corporation: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | Certified Parts Corporation | | |
| Street Address: | 405 E Fulton St | | |
| City: | Edgerton | | |
| State/Country: | WISCONSIN | | |
| Postal Code: | 53534 | | |
| Entity Type: | Corporation: DELAWARE | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 1425500 | ULTRA-BALANCE | |
| CORRESPONDENCE DATA | | | |
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| Address Line 4: | Madison, WISCONSIN 53701 | | |
| NAME OF SUBMITTER: | Melinda S. Giftos | | |
| SIGNATURE: | /Melinda S. Giftos/ | | |
| DATE SIGNED: | 07/20/2017 | | |
| Total Attachments: 18 | | | |
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ASSIGNMENT


WHEREAS, TecumsehPower Company (Assignor), a Delaware corporation, having a place of business at 900 North Street, Grafton, WI, 53024, is the owner of the patents and trademarks on the attached Exhibit A ("Patents and Trademarks") and the related registrations and applications thereof ("Registrations and Applications"); and

WHEREAS, Certified Parts Corporation (Assignee), a Delaware corporation, 1111 W Racine St, Janesville, Wisconsin 53548 is desirous of acquiring said Patents and Trademarks and Registrations and Applications, as well as the common law rights thereto and the goodwill associated therewith.


NOW, THEREFORE, in consideration of the Asset Purchase Agreement executed by the parties on February 9, 2009 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby assign and transfer to Assignee *nunc pro tunc* as of February 9, 2009 all of its right, title and interest in and to the Patents and Trademarks, the Registrations and Applications and common law rights thereto, together with the good will of the business symbolized by said Patents and Trademarks, and in and to any and all causes of action, either in law or in equity, and the right to enforce any rights and to file any causes of action, including the right to recover damages, for any past, present or future infringement or misappropriation of said Patents and Trademarks.

IN WITNESS WHEREOF, Assignor and Assignee have executed this assignment as of the date stated above.

TECUMSEHPOWER COMPANY

By: 
Name: RUDOLF STROBL (Signature)
Title: PRESIDENT & CEO (Type/Print)

Subscribed and sworn to before me
this 13 day of March, 2009.


Notary Public State of NC
My Commission Expires: 8-27-11



WHD\6337258.1

CERTIFIED PARTS CORPORATION

By: *James Craft*
 (Signature)
 Name: JAMES CRAFT
 (Type/Print)
 Title: Asst

Subscribed and sworn to before me
 this 23 day of MARCH, 2009.

Deane Berta
 Notary Public State of WISCONSIN
 My Commission Expires: 2/13/2011

Schedule A
Registered and Pending
Patents and Trademarks

REGISTERED TRADEMARKS

| Trademark | Country | Goods | Registration No. | Issue Date | Expiration |
|---|---------|--|------------------|------------|--------------------------|
| Leap Low Emission, Advanced Performance & Design® | Mexico | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 757153 | 7/30/2002 | 4/26/2012 |
| Leap Low Emission, Advanced Performance & Design® | U.S. | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 2744230 | 7/29/2003 | (7/29/2009) 7/29/2013 |
| MAGNA TORQUE® | CTM | Small internal combustion engines for use in connection with lawn and garden equipment, snow blowers, and utility equipment, Int. Cl. 7 | 1527357 | 2/25/2000 | 2/25/2010 |
| MAGNA TORQUE® | Canada | Small internal combustion engines for use in connection with lawn and garden equipment, snow blowers, and utility equipment,, and not for use in connection with motorcycles, Int. Cl. 7 | TMA634489 | 3/7/2005 | 3/7/2020 |
| MAGNA TORQUE® | U.S. | Small internal combustion engines for use in connection with lawn and garden equipment, snow blowers, and utility equipment,, and not for use in connection with motorcycles, Int. Cl. 7 | 2854059 | 6/15/2004 | (6/15/2010) 6/15/2014 |
| Power Products® | Benelux | Internal combustion engines and their parts for machines, Int. Cls. 7 & 12 | 89116 | | 12/22/2010 |
| Quick Start Primer® | Canada | Gasoline engines | 428683 | 6/10/1994 | 6/10/2009 |
| Snow King & Design® | Canada | Gasoline engines for snow throwers, Int. Cl. 7 | TMA449347 | 10/27/1995 | 10/27/2010 |
| Snow King & Design® | France | Gasoline engines for snow throwers, Int. Cl. 7 | 94509082 | 3/2/1994 | 3/2/2014 |
| Snow King & Design® | Germany | Gasoline engines for snow throwers, Int. Cl. 7 | 2087903 | 12/21/1994 | 2/25/2014 |

REGISTERED TRADEMARKS

| Trademark | Country | Goods | Registration No. | Issue Date | Expiration |
|---|-----------|---|------------------|------------|------------|
| ESP Easy Start Performance & Design® | Italy | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 943706 | 10/31/2007 | 1/16/2011 |
| ESP Easy Start Performance & Design® | U.K. | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 2259022 | 6/22/2001 | 1/24/2011 |
| ESP Easy Start Performance & Design® | U.S. | Small internal combustion engines for lawn and garden products, namely, mowers, tillers, string trimmers, snowblowers, Int. Cl. 7 | 2634061 | 10/15/2002 | 10/15/2012 |
| Kleen-Aire® | U.S. | Air filtering intake structure for carburetors of internal combustion engines of lawn and garden appliances, Int. Cl. 7 | 1115958 | 4/3/1979 | 4/3/2009 |
| Lauson® | Australia | Internal combustion engines and parts therefor, Int. Cl. 7 | A197092 | 9/1/1965 | 9/1/2010 |
| Lauson® | Benelux | Internal combustion engines and their parts for machines, Int. Cl. 7 & 12 | 89117 | | 12/22/2010 |
| Leap Low Emission, Advanced Performance & Design® | Argentina | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 1920767 | 4/2/2003 | 4/2/2013 |
| Leap Low Emission, Advanced Performance & Design® | Australia | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 910907 | 10/18/2002 | 4/29/2012 |
| Leap Low Emission, Advanced Performance & Design® | Canada | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | TMA626297 | 11/23/2004 | 11/23/2019 |
| Leap Low Emission, Advanced Performance & Design® | CTM | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 2716017 | 9/23/2003 | 5/29/2012 |

REGISTERED TRADEMARKS

| Trademark | Country | Goods | Registration No. | Issue Date | Expiration |
|-------------------------|---------|---|------------------|------------|--------------------------|
| Snow King & Design® | Italy | Gasoline engines for snow throwers, Int. Cl. 7 | 682728 | 7/4/1996 | 3/11/2014 |
| Snow King & Design® | U.K. | Gasoline engines for snow throwers, Int. Cl. 7 | 1561500 | 11/11/1994 | 9/13/2010 |
| Snow King & Design® | U.S. | Gasoline engines for snow throwers, Int. Cl. 7 | 1876349 | 1/31/1995 | 1/31/2015 |
| Snow King Label Design® | Canada | Gasoline engines for snow throwers, Int. Cl. 7 | TMA459714 | 6/21/1996 | 6/21/2011 |
| Sterling® | CTM | Internal combustion engines for vehicles, namely internal combustion engines for lawn and garden, landscaping, and snow removal equipment for generators, Int. Cl. 7 | 3204931 | 11/8/2004 | 6/10/2013 |
| Sterling® | CTM | Internal combustion engines for go-carts and multipurpose lawn, garden and landscaping vehicles, Int. Cl. 12 | 3204948 | 11/8/2004 | 6/10/2013 |
| Sterling® | U.S. | Internal combustion engines not for land vehicles, namely internal combustion engines for lawn and garden equipment, landscaping equipment, snow removal equipment and for power generators, Int. Cl. 7 | 3104617 | 6/13/2006 | (6/13/2012) 6/13/2016 |
| Sterling® | U.S. | Internal combustion engines for land vehicles, namely, go-carts and multipurpose lawn, garden and landscaping vehicles, Int. Cl. 12 | 3392698 | 4/3/2008 | (4/3/2014) 4/3/2018 |
| Ultra-Balance® | U.S. | Overhead valves sold as part of a counter rotating balancing system used in small gasoline engines, Int. Cl. 7 | 1425500 | 1/20/1987 | 1/20/2017 |

REGISTERED TRADEMARKS

| Trademark | Country | Goods | Registration No. | Issue Date | Expiration |
|--------------------|---------|--|------------------|------------|--------------------------|
| Ultra-Fresh® | Canada | Gasoline stabilizers for use in small engines for lawn and garden, recreational and off-road equipment, Int. Cl. 1 | TMA623100 | 10/21/2004 | 10/21/2019 |
| Ultra-Fresh® | CTM | Gasoline stabilizers, Int. Cl. 1 | 1497122 | 2/8/2000 | 2/8/2010 |
| Ultra-Fresh® | U.S. | Gasoline stabilizers for use in small engines for lawn and garden, recreational and off-road equipment, Int. Cl. 1 | 2753419 | 8/19/2003 | (8/19/2009) 8/19/2013 |
| Winter Engineered® | Canada | Gasoline engines for snow throwers, C1.7 | TMA533905 | 11/16/2001 | 11/16/2016 |
| Winter Engineered® | U.S. | Gasoline engines for snow throwers, C1.7 | 2008384 | 10/15/1996 | 10/15/2016 |

REGISTERED TRADEMARKS

| Trademark | Country | Goods | Registration No. | Issue Date | Expiration |
|--------------------------------------|-------------|---|------------------|------------|------------|
| Better, Right From The Start® | Canada | Internal combustion engines and parts therefor, Int. Cl. 7 | 432264 | 8/26/1994 | 8/26/2009 |
| Better, Right From The Start® | U.S. | Internal combustion engines not for land vehicles, and parts therefor, Int. Cl. 7 | 1754880 | 3/2/1993 | 3/2/2013 |
| Centura® | Australia | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 705923 | 4/2/1996 | 4/2/2016 |
| Centura® | France | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 96619102 | 4/2/1996 | 4/2/2016 |
| Centura® | Germany | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 39617958 | 1/30/1997 | 4/15/2016 |
| Centura® | Italy | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 744762 | 3/30/1998 | 4/5/2016 |
| Centura® | New Zealand | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 260544 | 4/1/1996 | 4/1/2017 |
| Centura® | U.S. | Small gasoline engines for the lawn and garden industry, Int. Cl. 7 | 2086390 | 8/5/1997 | 8/5/2017 |
| Enduro® | Canada | Gasoline engines not for land vehicles, Int. Cl. 7 | TMA430753 | 7/22/1994 | 7/22/2009 |
| Enduro® | U.S. | Gasoline engines not for land vehicles, Int. Cl. 7 | 1848992 | 8/9/1994 | 8/9/2014 |
| ESP Easy Start Performance & Design® | Canada | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | TMA595633 | 11/25/2003 | 11/25/2018 |
| ESP Easy Start Performance & Design® | France | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 13076775 | 1/16/2001 | 1/16/2011 |
| ESP Easy Start Performance & Design® | Germany | Small internal combustion engines for lawn and garden products, Int. Cl. 7 | 30103149 | 4/19/2001 | 1/19/2011 |

PATENTS
PENDING APPLICATIONS

| Application # | Application Date | Title | Status |
|---------------|------------------|---|--------|
| 11/297,858 | 12/9/2005 | Internal Combustion Engine With Secondary Air Pump For Catalyst | Alive |
| 11/770,820 | 7/29/07 | Sealed Fuel Tank Evaporative Emissions Control System For Small Internal Combustion Engines | Alive |
| 12/044,088 | 3/7/2008 | Passive Secondary Air Muffler | Alive |
| 29/296,465 | 10/22/2007 | Engine Carburetor Shroud | Alive |
| 12/200,204 | 8/28/2008 | Engine Starting System | Alive |

PENDING TRADEMARKS

| Trademark | Country | Goods | Application No. | Filing Date |
|------------|---------|---|-----------------|-------------|
| SterlingTM | Canada | (1) Internal combustion engines for vehicles, namely internal combustion engines for lawn and garden, landscaping, and snow removal equipment and for generators. (2) Internal combustion engines for go-carts and multipurpose lawn, garden and landscaping vehicles. | 1186285 | 8/1/2003 |

PATENTS

| Patent # | Patent Title | Inventor | Issue Date | Filing Date | Dead/Alive |
|-----------|--|---------------------------|------------|-------------|------------|
| D174,145 | Internal Combustion Engine | Stevens, B. | 3/1/1955 | 3/30/1953 | Dead * |
| D175,136 | Internal Combustion Engine | Stevens, B. | 7/12/1955 | 3/30/1953 | Dead * |
| D396,045 | Internal Combustion Engine | Neeley | 7/14/1998 | 12/1/1995 | Alive |
| D466,905 | Engine Shroud | Neeley, Koehler | 12/10/2002 | 11/30/2001 | Alive |
| D468,751 | Engine Shroud | Neeley, Immel | 1/14/2003 | 12/11/2001 | Alive |
| D471,560 | Engine Styling Shroud | Davis | 3/11/2003 | 12/13/2001 | Alive |
| D484,889 | Engine Shroud | Neeley, Davis | 1/6/2004 | 12/16/2002 | Alive |
| D487,751 | Engine | Neeley, Davis | 3/23/2004 | 5/16/2003 | Alive |
| D491,192 | Internal Combustion Engine | Davis | 6/8/2004 | 4/8/2003 | Alive |
| D491,193 | Internal Combustion Engine | Davis | 6/8/2004 | 4/8/2003 | Alive |
| D576,178 | Engine Shroud | Neeley | 9/2/2008 | 12/15/2006 | Alive |
| 2,126,919 | Motor Mounting | Plett | 8/16/1938 | 11/2/1935 | Dead * |
| 2,346,148 | Outboard Motor | Bosma, A. | 4/11/1944 | 8/1/1940 | Dead * |
| 2,451,965 | Motor Bicycle | Longenecker | 10/19/1948 | 9/1/1945 | Dead * |
| 2,607,332 | Outboard Motor Crankcase And Oil Reservoir Construction | Bosma, A. | 8/19/1952 | 11/13/1948 | Dead * |
| 2,705,002 | Internal Combustion Engine Having Auxiliary Drives | Bosma, A. | 3/29/1955 | 7/2/1952 | Dead * |
| 2,705,056 | Int. Comb. Engine - Oiling System | Bruns | 3/29/1955 | 1/22/1953 | Dead * |
| 2,820,856 | Switch Contract Positioning Device | Krueger | 1/21/1958 | 3/28/1956 | Dead * |
| 2,873,731 | Engine Control Device | Richardson | 2/17/1959 | 2/27/1956 | Dead * |
| 2,918,210 | Compression With Crankcase Oil Urge Tank | Touborg | 12/22/1959 | 6/24/1955 | Dead * |
| 2,920,717 | Air Filter | Tuttle, Fenton | 1/12/1960 | 2/19/1957 | Dead * |
| 2,935,057 | Pressurized Proportional Mixing Device | Perlewitz | 5/3/1960 | 6/4/1958 | Dead * |
| 3,040,725 | Internal Combustion Engine | Grisbrook | 6/26/1962 | 11/14/1961 | Dead * |
| 3,042,013 | Fuel Supply Means For Engines | Nelson | 7/13/1962 | 9/12/1960 | Dead * |
| 3,309,068 | Fuel Pumping & Charge Forming Apparatus | Nierode, Armin, Perlewitz | 3/14/1967 | 9/4/1962 | Dead * |
| 3,323,504 | Internal Combustion Engine Speed Governor | Jacobi | 6/6/1967 | 12/21/1964 | Dead * |
| 3,332,410 | Engine Starting Mechanism | Dwyer | 7/25/1967 | 7/26/1965 | Dead * |
| 3,333,661 | Forward-Reverse Clutch | Pawlina | 8/1/1967 | 2/12/1965 | Dead * |
| 3,381,676 | Compression Relief Mechanism | Campen | 5/7/1968 | 1/12/1965 | Dead * |
| 3,406,592 | Differential | Von Kaler | 10/22/1968 | 10/7/1966 | Dead * |
| 3,417,740 | Automatic Compression Release For Internal Combustion Engine | Perlewitz | 12/24/1968 | 10/18/1967 | Dead * |

PATENTS

| Patent # | Patent Title | Inventor | Issue Date | Filing Date | Dead/Alive |
|-----------|--|------------------|------------|-------------|------------|
| 3,420,042 | Engine Mounting For A Rotary Lawn Mower | Kaufman | 1/7/1969 | 10/24/1965 | Dead * |
| 3,451,383 | Carburetor Primer & Throttle Control Mechanism | Nelson | 6/24/1969 | 10/31/1967 | Dead * |
| 3,490,426 | Ignition System | Farr | 1/20/1970 | 7/20/1967 | Dead * |
| 3,496,922 | Compression Relief Mechanism | Campen | 2/24/1970 | 4/18/1968 | Dead * |
| 3,502,184 | Clutch | Pawlina | 3/24/1970 | 6/13/1968 | Dead * |
| 3,515,109 | Solid State Ignition With Automatic Timing Advance | Farr | 6/2/1970 | 5/15/1968 | Dead * |
| 3,524,438 | Ignition Circuit | Janisch | 8/18/1970 | 11/17/1967 | Dead * |
| 3,556,062 | Valve Spring Mechanism | Shermeister | 1/19/1971 | 11/14/1968 | Dead * |
| 3,580,116 | Clutch Adjustment Tool | Tenisons | 5/25/1971 | 6/13/1968 | Dead * |
| 3,646,667 | Ignition Circuit | Janisch | 3/7/1972 | 6/18/1970 | Dead * |
| 3,661,132 | Ignition Circuit With Automatic Spark Advance | Farr | 5/9/1972 | 11/15/1969 | Dead * |
| 3,677,364 | Spark Arrester & Muffler Construction | Pawlina | 7/18/1972 | 5/6/1971 | Dead * |
| 3,749,069 | Automatic Choke System | Reese | 7/31/1973 | 7/2/1971 | Dead * |
| 3,780,996 | Self-Priming Carburetor | Nutten | 11/25/1973 | 1/8/1973 | Dead * |
| 3,838,671 | Trigger Coil Circuitry | Farr | 10/1/1974 | 3/9/1972 | Dead * |
| 3,863,734 | Muffler For Internal Combustion Engines | Pawlina | 2/4/1975 | 1/14/1974 | Dead * |
| 3,897,768 | Compression Relief Mechanism | Thiel | 8/5/1975 | 11/19/1973 | Dead * |
| 3,947,155 | Linear Compressor | Bidol | 3/30/1976 | 9/19/1974 | Dead * |
| 3,952,712 | Composite Flywheel Assembly | Hermanson | 4/27/1976 | 1/30/1975 | Dead * |
| 3,985,475 | Expansible Chamber Device | Gatecliff | 10/12/1976 | 2/20/1974 | Dead * |
| 4,011,120 | Method For Fastening Ceramic Magnets To A Flywheel Using Centrifugal Force | Aggen | 3/8/1977 | 5/2/1975 | Dead * |
| 4,019,490 | Pull - Rope Recoil Starter | Reese | 4/26/1977 | 5/9/1975 | Dead * |
| 4,022,180 | Engine Ignition Grounding Switch | Bosma, A. | 5/10/1977 | 2/23/1976 | Dead * |
| 4,061,121 | Magneto - Alternator With Magneto Energy Limiting | Macleod | 12/6/1977 | 4/30/1975 | Dead * |
| 4,095,922 | Electro-Mechanical Device | Farr | 6/20/1978 | 10/20/1976 | Dead * |
| 4,103,660 | Pull-Rope Recoil Starter | Reese | 8/1/1978 | 1/5/1977 | Dead * |
| 4,197,825 | Primer Bulb Retainer | Altenbach | 4/15/1980 | 11/25/1977 | Dead * |
| 4,203,405 | Primer | Schultz, Guntly | 5/20/1980 | 11/25/1977 | Dead * |
| 4,231,623 | Steel Connecting Rod Bearing Liner For Int. Comb. Engines | Kaufman | 11/4/1980 | 10/2/1978 | Dead * |
| 4,233,950 | Safety Interlock For An Engine Ignition System | Krolski, Macleod | 11/18/1980 | 4/24/1979 | Dead * |
| 4,252,092 | Compression Release Mechanism | Kaufman | 2/24/1981 | 9/4/1979 | Dead * |
| 4,278,054 | Ignition Timing | Campen | 7/14/1981 | 7/12/1978 | Dead * |
| 4,285,305 | Keyed Adapter Sleeve | Kaufman, Nelson | 8/25/1981 | 11/16/1979 | Dead * |
| 4,285,440 | Spill And Spit Resistant Fuel Cap | Adams | 8/25/1981 | 4/6/1979 | Dead * |

PATENTS

| Patent # | Patent Title | Inventor | Issue Date | Filing Date | Dead/Alive |
|-----------|--|-------------------------|------------|-------------|------------|
| 4,323,522 | Internally Vented Float Bowl Primer Arrangement | Rasmussen | 4/6/1982 | 9/24/1980 | Dead * |
| 4,347,659 | Method Of Making Stick Wound Coils | Dalton | 9/7/1982 | 3/17/1980 | Dead * |
| 4,358,727 | Economical Flywheel Alternator For Trickle Charging A Small Lawnmower Battery | Campen | 11/9/1982 | 9/24/1980 | Dead * |
| 4,360,481 | Fuel Supply Metering Arrangement | Kaufman | 11/23/1982 | 1/28/1980 | Dead * |
| 4,375,794 | External Inductive Solid State Ignition System | Wasmer, A. | 3/8/1983 | 11/28/1980 | Dead * |
| 4,380,216 | Economical Engine Construction | Kandler | 4/19/1983 | 9/17/1980 | Dead * |
| 4,380,217 | Breaker Point System | Washerm, A.; Koenigs | 4/19/1983 | 5/18/1981 | Dead * |
| 4,383,214 | Magneto Battery Trickle Charger | Macleod | 5/10/1983 | 9/25/1980 | Dead * |
| 4,384,635 | Continous Curvature Noise Suppressing Compressor Housing | Lowery | 5/24/1983 | 6/11/1980 | Dead * |
| 4,394,893 | Engine Shut-Off System With Flywheel Braking | Kronich | 7/26/1983 | 11/17/1980 | Dead * |
| 4,396,407 | Multi-Stage Air Filter | Reese | 8/2/1983 | 3/11/1982 | Dead * |
| 4,404,513 | Economical Flywheel Alternator For Trickle Charging A Small Lawnmower Battery | Campen | 9/13/1983 | 6/7/1982 | Dead * |
| 4,404,933 | Self-Mounting Pneumatic Fuel Primer | Kuczenski | 9/20/1983 | 8/31/1981 | Dead * |
| 4,406,590 | Hermetic Compressor | Kessler | 9/27/1983 | 6/11/1980 | Dead * |
| 4,417,195 | Magneto Battery Trickle Charger | Macleod | 11/22/1983 | 11/24/1982 | Dead * |
| 4,425,145 | Multi-Stage Air Filter | Reese | 1/10/1984 | 4/7/1983 | Dead * |
| 4,455,977 | Compression Brake system | Kuczenski | 6/26/1984 | 8/31/1981 | Dead * |
| 4,494,286 | Connecting Rod Arrangement | Kaufman | 1/22/1985 | 10/25/1982 | Dead * |
| 4,507,917 | Economical Engine Construction Having Integrally Cast Muffler | Kandler | 4/2/1985 | 9/27/1982 | Dead * |
| 4,517,942 | Override Speed Control | Pirkey, Ditter | 5/21/1985 | 8/3/1984 | Dead * |
| 4,519,486 | Engine Flywheel Brake Toggle Mechanism | Hermanson | 5/28/1985 | 9/13/1982 | Dead * |
| 4,538,701 | Muffler | Lowery, Alyea | 9/3/1985 | 7/19/1982 | Dead * |
| 4,549,445 | Yoke Thrust Bearing For A Piston & Connecting Rod Assembly | Kaufman | 10/29/1985 | 12/12/1983 | Dead * |
| 4,550,697 | Flywheel Mounting Of Permanent Magnet Group | Campen | 11/5/1985 | 11/20/1983 | Dead * |
| 4,559,686 | Method Of Assembling A Hermetic Compressor | Kessler | 12/24/1985 | 6/19/1985 | Dead * |
| 4,578,849 | One-Piece Yoke Thrust Bearing For Piston & Conn Rod Assy & method Utilizing Said Bearing | Kaufman | 4/1/1986 | 7/22/1985 | Dead * |
| 4,579,092 | Crankcase Breather Mechanism | Kandler | 4/1/1986 | 12/10/1984 | Dead * |
| 4,582,030 | Mounting Recoil Starter | Reese | 4/15/1986 | 3/2/1984 | Dead * |

PATENTS

| <u>Patent #</u> | <u>Patent Title</u> | <u>Inventor</u> | <u>Issue Date</u> | <u>Filing Date</u> | <u>Dead/Alive</u> |
|-----------------|---|--------------------------|-------------------|--------------------|-------------------|
| 4,601,267 | Valve Mechanism Lubrication System For An Overhead Valve Engine | Kronich | 7/22/1986 | 7/26/1985 | Dead * |
| 4,606,305 | External Magnet Flywheel Mounting | Campen | 8/19/1986 | 9/12/1985 | Dead * |
| 4,648,363 | Lubricating Oil Filtration System For An Engine | Kronich | 3/10/1987 | 11/12/1985 | Dead |
| 4,662,328 | Governor Driver Pump For An Engine | Kronich | 5/5/1987 | 5/21/1986 | Dead |
| 4,671,057 | Stamped Exhaust Manifold Including A Baffle For Forming An Insulated Chamber | Kronich | 6/9/1987 | 7/26/1985 | Dead |
| 4,676,205 | Crankcase & Crankshaft Impact Protector | Kaufman | 6/30/1987 | 7/6/1981 | Dead |
| 4,679,534 | Primer For Float Type Carb | Guntly, Schultz | 7/14/1987 | 2/25/1986 | Dead |
| 4,682,571 | Exhaust Gas Recirculation System For Crankcase Scavenged Two Cycle Engine | Kaufman, Geringer | 7/28/1987 | 12/17/1985 | Dead |
| 4,684,484 | Primer System & Method For Priming An Internal Combustion Engine | Guntly | 8/4/1987 | 5/27/1986 | Dead |
| 4,691,590 | Connecting Rod Design With Voids | Geringer, Kaufman | 9/8/1987 | 1/6/1986 | Dead |
| 4,712,521 | Ignition System | Campen | 12/15/1987 | 1/15/1987 | Dead |
| 4,731,981 | Crankshaft Impact Protector | Geringer | 3/22/1988 | 1/14/1986 | Dead |
| 4,735,751 | Primer System And Method For Priming An Internal Combustion Engine | Guntly | 4/5/1988 | 4/8/1987 | Dead |
| 4,741,303 | Combination Counterbalance And Oil Slinger For Horizontal Shaft Engines | Kronich | 4/3/1988 | 10/14/1986 | Dead |
| 4,754,732 | Low Oil Sensor For A Internal Combustion Engine | Kuczenski, DeBoth | 7/5/1988 | 2/12/1987 | Dead |
| 4,757,885 | Engine Control With Self-Energizing Flywheel Brake | Kronich | 7/19/1988 | 7/13/1987 | Dead |
| 4,768,397 | Lub. Scheme For Pressure Lub. Crankshafts With Counterweight Holes For Crankshaft Balance | Adams | 9/6/1988 | 6/28/1982 | Dead |
| 4,773,371 | Override Speed Control Having Governed Idle | Stenz, K. | 9/27/1988 | 11/3/1987 | Dead |
| 4,800,852 | Inline Counterbalance Weight System For A Single Cylinder Engine | Kandler | 1/31/1999 | 8/5/1987 | Dead * |
| 4,856,467 | Adjustable Lash Valve Train For Overhead Valve Engines | Kronich | 8/15/1989 | 5/20/1988 | Dead |
| 4,864,705 | Methods Of Making A Carburetor | Guntly, Fedespiel, Kurth | 9/12/1989 | 11/4/1988 | Dead * |
| 4,881,496 | Valve Mechanism Lubrication System For Horizontal Cylinder Overhead Valve Engine | Kronich | 11/21/1989 | 5/20/1988 | Dead |
| 4,884,541 | Speed Governor For Small Engines | Marriott | 12/5/1989 | 1/12/1989 | Dead |

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|-----------------|--|-----------------|-------------------|--------------------|-------------------|
| 4,884,716 | Fuel Cap With Tethered Anti-Splash Attachment | Steiner | 12/5/1989 | 1/31/1989 | Dead |
| 4,889,213 | Compliance Brake For An Internal Combustion Engine Powered Implement | Roller | 12/26/1989 | 8/26/1988 | Dead |
| 4,893,597 | Engine Cylinder Assembly Having An Intake Cross Passageway | Kandler | 1/16/1990 | 4/24/1989 | Dead * |
| 4,896,634 | Phase Timed Camshaft Spray Lubrication System | Kronich | 1/30/1990 | 6/5/1989 | Dead * |
| 4,896,789 | Anti-Leak Cap Liner | Federspiel | 1/30/1990 | 2/17/1989 | Dead * |
| 4,899,704 | Self Lubricating Bearing | Kronich | 2/13/1990 | 5/8/1989 | Dead |
| 4,905,636 | Anti Puddling Turbulance Inducing Cylinder Head Intake Port And Manifold | Kronich | 3/6/1990 | 5/8/1989 | Dead |
| 4,907,561 | Ignition System In An Air Cooled Engine | Kandler | 3/13/1990 | 4/3/1989 | Dead |
| 4,922,863 | Cast Engine Cylinder Having An Internal Passageway And Method Of Making Same | Adams | 5/8/1990 | 4/18/1989 | Dead * |
| 4,926,808 | Primer Bulb Check Valve System For An Internally Vented Bowl Primer Carb | Kandler | 5/22/1990 | 6/8/1989 | Dead |
| 4,926,813 | Inverted Port Engine With Cross-Under Intake Passage | Bonde | 5/22/1990 | 7/12/1989 | Dead * |
| 4,926,814 | Crankcase Breather And Lubrication Oil System For An Internal Combustion Engine | Bonde | 5/22/1990 | 7/12/1989 | Dead |
| 4,928,651 | Integral Engine Block Air Cooled Engine Oil Cooler | Kronich | 5/29/1990 | 6/26/1989 | Dead |
| 4,969,263 | Method Of Making A Cast Engine Cylinder Having An Internal Passageway | Adams | 11/13/1990 | 11/28/1989 | Dead * |
| 4,977,863 | Air-Cooled IC Engine Having Canted Combustion Chamber And Integral Crossover Intake Manifold | Kronich | 12/18/1990 | 11/2/1989 | Dead |
| 4,977,868 | Mechanical Compression Release System | Holschuh | 12/18/1990 | 7/12/1989 | Alive |
| 4,979,596 | Safety Brake System For An Engine | Roller | 12/25/1990 | 6/27/1989 | Alive |
| 4,982,705 | Cam Pulley And Cylinder Head For An Overhead Cam Engine | Hudson | 1/8/1991 | 2/21/1990 | Dead |
| 4,995,356 | Engine Fuel Tank Shroud Having Dampened Spring Retainers | Kronich | 2/26/1991 | 6/4/1990 | Dead |
| 5,046,458 | Air-Cooled Engine Flywheel Fan Rotational Debris Inlet Screen | Kronich | 9/10/1991 | 9/11/1990 | Dead |

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| 5,067,449 | Fitted Crankcase Breather Valve Assembly | Bonde | 11/26/1991 | 4/12/1991 | Dead |
| 5,090,375 | Valve Gear Oiling System For An Overhead Camshaft Engine | Hudson | 2/25/1992 | 11/26/1990 | Dead |
| 5,094,784 | Dual Volume Carburetor Priming System | Ditter | 3/10/1992 | 2/12/1991 | Alive |
| 5,105,777 | Metal Head Gasket With Push Rod Guides | Kronich, Brunner | 4/21/1992 | 5/20/1988 | Dead |
| 5,113,818 | Combination Crankcase Gasket / Baffle | Bonde, K.; Hall | 5/19/1992 | 4/15/1991 | Dead |
| 5,133,315 | Axial Flow Cooling Air Filter System | Reese | 7/28/1992 | 11/22/1991 | Dead |
| 5,163,401 | Override Speed Control System | Reese | 11/17/1992 | 12/20/1991 | Alive |
| 5,177,962 | External Spark Arrestor | Hall, Greuel | 1/12/1993 | 1/14/1992 | Alive |
| 5,184,586 | Mechanical Compression Release For An Internal Combustion Engine | Buchholz | 2/9/1993 | 2/10/1992 | Alive |
| 5,195,480 | Method Of Manufacturing Engines | Hudson | 3/23/1993 | 4/19/1991 | Dead |
| 5,199,318 | Device For Restraining Connecting Rod On A Crankshaft | Hudson | 4/6/1993 | 11/22/1991 | Dead * |
| 5,203,302 | Overload Warning Apparatus For Internal Combustion Engines | Parnitzke | 4/20/1993 | 1/27/1992 | Dead |
| 5,205,243 | Crankcase Breather Having A Fitted Retainer For Retaining A Valved Cup Assembly | Buchholz | 4/27/1993 | 3/26/1992 | Alive |
| 5,211,013 | Muffler Heat Shield And Method Of Attachment | Bonde | 5/18/1993 | 9/17/1991 | Dead |
| 5,224,448 | Ignition Brake For An Internal Combustion Engine | Kandler | 7/6/1993 | 10/5/1992 | Dead * |
| 5,273,008 | Balance Vent For An Internally Vented Float Bowl Carburetor | Ditter | 12/28/1993 | 8/17/1992 | Dead * |
| 5,293,684 | Reduced Material Crankshaft Fabrication | Fry | 3/15/1994 | 6/4/1993 | Dead * |
| 5,309,875 | Internally Vented Float Bowl Carburetor Having A Cold Start Vent Conduit | Gault | 5/10/1994 | 12/24/1992 | Dead * |
| 5,476,082 | Flywheel Magnet Fuel Injection Actuator | Carpenter, Ward | 12/19/1995 | 6/22/1994 | Dead |
| 5,632,243 | Self-Cleaning Air Filter Assembly | Buchholz | 5/27/1997 | 1/11/1996 | Alive |
| 5,755,194 | Overhead Cam Engine With Dry Sump Lubrication System | Moorman, Christiansen, Molina, Adams | 5/26/1998 | 7/11/1996 | Alive |
| 5,797,180 | Method Of Manufacturing A Plastic Camshaft With A Tubular Metal Insert | Buchholz | 8/25/1998 | 8/28/1996 | Alive |
| 5,884,593 | Hd & Overhd Camshaft Assy For An Internal Combustion Engine | Immel, Christiansen | 3/23/1999 | 4/23/1997 | Dead * |

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| 5,947,070 | Molded Plastic Camshaft With Seal Ring | Immel, Christiansen | 9/7/1999 | 7/10/1997 | Alive |
| 5,979,392 | Overhead Cam Engine With Integral Head | Moorman, Christiansen, Molina, Adams | 11/9/1999 | 3/24/1999 | Alive |
| 5,988,135 | Overhead Vertical Camshaft Eng With External Camshaft Drive | Moorman, Christiansen, Molina, Adams | 11/23/1999 | 3/24/1998 | Alive |
| 6,032,635 | Overhead Cam Engine With Integral Head | Moorman, Christiansen, Molina, Adams | 3/7/2000 | 4/2/1999 | Alive |
| 6,076,503 | Electronically Controlled Carburetor | Carpenter | 6/20/2000 | 12/11/1997 | Dead |
| 6,152,431 | Carburetor Having Extended Prime | Stenz, D.; Klein, T.; Caruso | 11/28/2000 | 4/28/1999 | Alive |
| 6,170,241 | Microprocessor Controlled Motor Controller With Current Limiting Protection | Shibilski, Farr, Pfaff | 1/19/2001 | 4/25/1997 | Alive |
| 6,223,713 | Overhead Cam Engine With Cast-In Valve Seats | Moorman, Christiansen, Molina, Adams | 5/1/2001 | 1/31/2000 | Alive |
| 6,269,786 | Compression Release Mechanism | Snyder, Koehler, Sterr, Miller | 8/7/2001 | 7/21/1999 | Alive |
| 6,273,065 | Electronically Controlled Carburetor | Carpenter | 8/14/2001 | 1/18/2000 | Alive |
| 6,276,324 | Overhead Ring Cam Engine With Angled Split Housing | Adams, Immel | 8/21/2001 | 3/29/2000 | Dead |
| 6,279,522 | Drive Train For Overhead Cam Engine | Balzar, Immel, Adams | 8/28/2001 | 3/17/2000 | Alive |
| 6,295,959 | External Drive Double Shaft Overhead Cam Engine | Molina, Golzio, Mion, Ghelfi | 10/2/2001 | 3/13/2000 | Alive |
| 6,394,054 | Mechanical Compression And Vacuum Release | Rado, Gescheidle | 5/28/2002 | 1/15/2001 | Alive |
| 6,427,364 | Arrangement For Heating Air Supplied To A Carburetor Of A Snow Thrower Engine | Stenz, D. (With Murray Inc.) | 8/6/2002 | 8/7/2000 | Alive |
| 6,427,427 | Oil Drain And Sight Gauge For Internal Combustion Engine | Dietz | 8/6/2002 | 5/31/2000 | Alive |
| 6,439,187 | Mechanical Compression Release | Dietz, Freund, A. | 8/27/2002 | 11/10/2000 | Alive |
| 6,460,499 | Hydraulic Lifter Assembly | Mason, Kobilic, Janeszko | 10/8/2002 | 1/16/2001 | Alive |
| 6,499,453 | Mid Cam Engine | Immel, Adams | 12/31/2002 | 10/30/2000 | Alive |

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| 6,499,726 | Engine Having Carburetor With Bridge Circuit | Clements | 12/31/2002 | 2/29/2000 | Alive |
| 6,513,794 | Engine Having Carburetor With Bridge Circuit | Clements, Stenz, G. | 2/4/2003 | 7/16/2002 | Alive |
| 6,532,925 | Stamped Valve Spring And Retainer | Moya | 3/18/2003 | 3/11/2002 | Dead |
| 6,536,393 | Mechanical Compression And Vacuum Release | Novak, Dietz, Mahy | 3/25/2003 | 7/5/2001 | Alive |
| 6,539,906 | Mechanical Compression And Vacuum Release | Rado, Gescheidle | 4/1/2003 | 3/30/2001 | Alive |
| 6,581,562 | Open Center Recoil Starter | Goebel, Immel | 6/24/2003 | 6/18/2001 | Alive |
| 6,612,275 | Mid Cam Engine | Immel, Adams | 9/2/2003 | 7/25/2002 | Alive |
| 6,722,331 | Valve Clearance Adjustment Mechanism | Koehler, Monis, Carpenter | 4/20/2004 | 10/1/2002 | Alive |
| 6,729,298 | Linkage Assembly For Variable Engine Speed Control | Sterr | 5/4/2004 | 2/28/2003 | Alive |
| 6,742,491 | Engine Lubrication System | Ghelfi, Mion, Albanello, Borio | 6/1/2004 | 12/17/2002 | Alive |
| 6,745,754 | Engine Having Oil Fill Tube With Integrated Fuel Pump | Stenz, D.; Schmitz, A.; Steffes, Schneider, S. | 6/8/2004 | 12/17/2002 | Alive |
| 6,779,503 | Automatic Engine Priming System For Rotary Mower | Rado | 8/24/2004 | 11/4/2002 | Alive |
| 6,792,905 | Inertia Type Mechanical Compression Release | Ghelfi, Albanello, Borio, Arisio | 9/21/2004 | 1/24/2003 | Alive |
| 6,811,093 | Piezoelectric Port And Direct Type Fuel Injection | Rado | 11/2/2004 | 5/6/2003 | Alive |
| 6,840,508 | Push Button Air Primer For Carburetor | Krlin, Levy, Sustr, Veldman, N.; Sindelir, Lebduska | 1/11/2005 | 10/30/2003 | Alive |
| 6,848,680 | Push Button Primer For Carburetor | Schmitz, P. | 2/1/2005 | 3/27/2003 | Alive |
| 6,857,399 | Air Cleaner Assembly For Internal Combustion Engines | Davis, Snyder, Wollershien | 2/22/2005 | 4/8/2003 | Alive |
| 6,857,410 | Engine Control System | Davis, Stanelle | 2/22/2005 | 4/8/2003 | Dead |
| 6,863,266 | Push Button Air Primer For Carburetor | Krlin, Levy, Sustr | 3/8/2005 | 3/13/2003 | Alive |

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| 6,866,019 | Breather-Operated Priming System For Small Internal Combustion Engines | Schmitz, P. | 3/15/2005 | 5/11/2004 | Alive |
| 6,874,473 | Engine Cycle Recognition For Fuel Delivery | Carpenter | 4/5/2005 | 7/15/2004 | Alive |
| 6,886,523 | Engine And Pump Assembly Having Combined Housing | Steffes, Stenz, D.; Veldman, N.; Stenz, K.; Ghelfi, Mion | 5/23/2005 | 3/28/2003 | Alive |
| 6,892,517 | Blade And Ground Speed Control System | Adams, Royzen, Rado | 5/17/2005 | 2/29/2004 | Alive |
| 6,895,914 | Automatic Engine Priming System For Rotary Mowers | Rado, Hoffman, Cox | 5/24/2005 | 5/21/2003 | Alive |
| 6,904,883 | Modular Internal Combustion Engines | Snyder, Immel, Koehler, Stanelle, Monis, Glodowski, Dopke, Kragh | 6/14/2005 | 6/2/2003 | Dead |
| 6,915,772 | Automatic Priming System | Carpenter | 7/12/2005 | 9/9/2003 | Alive |
| 6,932,055 | Engine Control System For Internal Combustion Engines | Rado | 8/23/2005 | 9/30/2003 | Dead |
| 6,941,914 | Internal Combustion Engine | Snyder, Immel, Koehler, Stanelle, Monis, Glodowski, Dopke | 9/13/2005 | 4/8/2003 | Dead |
| 6,953,527 | Fuel Tank With Water Trap | Brower, Steffes | 10/11/2005 | 2/17/2003 | Alive |
| 6,959,782 | Tuned Exhaust System For Small Engines | Brower, Mason | 11/1/2005 | 3/17/2003 | Alive |
| 7,047,951 | Centrifugally Operated Evaporative Emissions Control Valve System For Internal Combustion Engines | Rado, Brower, Stenz, D. | 5/23/2006 | 8/3/2004 | Alive |
| 7,131,430 | Emissions Control system For Small Internal Combustion Engines | Rado, Brower, Stenz, D. | 11/7/2006 | 9/4/2003 | Alive |
| 7,152,580 | Engine Speed Control With High Speed Override Mechanism | Wetor, Stout, Stenz, G.; Schneider, D. | 1/26/2006 | 6/7/2005 | Alive |
| 7,165,532 | Engine Speed Control With High Speed Override Mechanism | Steffes, Taylor, T.; Schneider, D. | 1/23/2007 | 12/16/2004 | Alive |

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| 7,165,536 | Evaporative Emissions Control system For Small Internal Combustion Engines | Kirk, Donahue, Carpenter | 1/23/2007 | 2/22/2005 | Alive |
| 7,174,871 | Mechanical Compression And Vacuum Release Mechanism | Grybush | 2/13/2007 | 2/3/2006 | Alive |
| 7,228,832 | Internal Combustion Engine With Translatable Camshaft | Novak, Dietz, Mahy | 6/12/2007 | 3/23/2004 | Alive |
| 7,267,112 | Evaporative Emissions Control System For Including A Charcoal Canister For Small Internal Combustion Engines | Donahue, Carpenter, Kirk, Hintz | 9/11/2007 | 1/14/2005 | Alive |
| 7,267,326 | Automatic Priming System | Dedering | 9/11/2007 | 2/3/2006 | Alive |
| 7,270,111 | Composite Engine Speed Control | Grybush, Leu, Davis, Atkinson | 9/18/2007 | 2/3/2006 | Alive |
| 7,275,355 | Blade And Ground Speed Control System | Adams, Royzen, Rado | 10/2/2007 | 3/1/2005 | Alive |
| 7,284,508 | Intake Air And Carburetor Heating Arrangements For V-Twin Engines | Dopke, Brower, Koehler, G. Stenz, Weter, Davis, Sterr | 10/23/2007 | 7/17/2006 | Alive |
| 7,328,678 | Mechanical Compression And Vacuum Release Mechanism | Grybush | 2/2/2008 | 8/7/2006 | Alive |