

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Metaldyne Corporation	10/16/2009
Metaldyne Company LLC	10/16/2009
Metaldyne Sintered Components, LLC	10/16/2009
NC-M Chassis Systems, LLC	10/16/2009
Metaldyne Tubular Products, Inc.	10/16/2009
Metaldyne Machining and Assembly Company, Inc.	10/16/2009

RECEIVING PARTY DATA

Name:	Metaldyne Chassis Products, LLC
Street Address:	47659 Halyard Drive
City:	Plymouth
State/Country:	MICHIGAN
Postal Code:	48170

PROPERTY NUMBERS Total: 18

Property Type	Number
Application Number:	61208102
Application Number:	61128357
Application Number:	11982437
Application Number:	11998865
Application Number:	11413076
Application Number:	11788506
Application Number:	11387604
Patent Number:	6173978
Patent Number:	6676144
Patent Number:	6550797
Patent Number:	7508863

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Patent Number:	7296332
Patent Number:	6634266
Patent Number:	6450584
Patent Number:	6708589
Patent Number:	6485109
Patent Number:	6212981
Patent Number:	7255357

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 312-862-6371
Email: renee.prescan@kirkland.com
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Address Line 2: Kirkland & Ellis LLP
Address Line 4: Chicago, ILLINOIS 60654

ATTORNEY DOCKET NUMBER: 10313-6 RMP_CK

NAME OF SUBMITTER: Renee M. Prescan

Total Attachments: 11
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (this "Assignment") is made and entered into as of this 16th day of October, 2009 (the "Effective Date"), by and among Metaldyne Corporation, a Delaware corporation, Metaldyne Company LLC, a Delaware limited liability company, Metaldyne Sintered Components, LLC, a Delaware limited liability company, NC-M Chassis Systems, LLC, a Delaware limited liability company, Metaldyne Tubular Products, Inc., a Michigan corporation, Metaldyne Machining and Assembly Company, Inc., a Michigan corporation (collectively, "Assignors" and each, individually, an "Assignor"), and Metaldyne Chassis Products, LLC, a Delaware limited liability company ("Assignee").

WHEREAS, Assignors are the sole and exclusive owners of the entire right, title and interest in and to the United States patents and patent applications set forth on Schedule A attached hereto and the foreign patents and patent applications set forth on Schedule B attached hereto (collectively, the "Patents"); and

WHEREAS, Assignee wishes to acquire from Assignors, and Assignors wish to assign to Assignee, the entire right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all applicable foreign countries, including, without limitation, any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions and foreign equivalents thereof, and all other corresponding rights that are or may be secured under the laws of the United States or any applicable foreign country, now or hereafter in effect, including, without limitation, the subject matter of all claims which may be obtained therefrom, together with all income, royalties, damages or payments accrued, due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same, in each case, for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment had not been made.

Assignors hereby authorize and request the Commissioner of Patents and Trademarks, and the corresponding entities or agencies in any applicable foreign countries, to record Assignee as the assignee and owner of the Patents.

Assignors shall use commercially reasonable efforts to provide to Assignee, its successors, assigns and other legal representatives, all such cooperation and assistance at Assignee's request and expense to the extent any out-of-pocket costs are incurred by Assignee (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, exhibits, assignments, powers of attorney and other documentation) to more fully and effectively effectuate the purposes of this Assignment, including, without limitation, with respect to: (i) Assignee's preparation and prosecution of any applications covering the inventions

assigned herein; (ii) Assignee's prosecution or defense of any interference, opposition, reexamination, reissue, infringement or other proceedings that may arise in connection with any of the rights assigned herein, including, without limitation, testifying as to any facts relating to any of the rights assigned herein and this Assignment; (iii) Assignee's attempts to obtain any additional patent protection relating to rights assigned herein that may be secured under the laws now or hereafter in effect in the United States or in any other country; and (iv) the implementation or perfection of this Assignment by Assignee in all applicable jurisdictions throughout the world.

This Assignment shall be governed by, and construed and enforced in accordance with, chapter 11 of title 11 of the United States Code, §§ 101, et. seq. (as amended, the "Bankruptcy Code") and, to the extent not inconsistent with the Bankruptcy Code, the laws of the State of New York, without regard to the conflicts of law rules of such state, other than Section 5-1401 of the New York General Obligations Law.


This Assignment may be executed in counterparts, each of which shall be deemed an original and all of which shall together constitute one and the same instrument, and shall become effective when one or more counterparts have been signed by any Assignor and delivered to Assignee. Delivery of an executed signature page to this Assignment by facsimile or other electronic transmission shall be as effective as delivery of a manually executed counterpart to this Assignment.

* * * * *

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

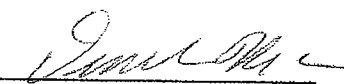
ASSIGNOR:

Metaldyne Corporation

By: 
Name: David L. McKee
Title: General Counsel and Secretary

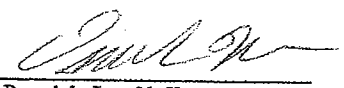
ASSIGNOR:

Metaldyne Company LLC

By: 
Name: David L. McKee
Title: General Counsel and Secretary

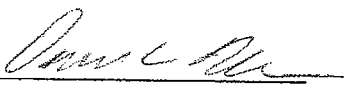
ASSIGNOR:

Metaldyne Sintered Components, LLC

By: 
Name: David L. McKee
Title: General Counsel and Secretary

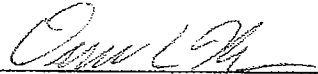
ASSIGNOR:

NC-M Chassis Systems, LLC

By: 
Name: David L. McKee
Title: General Counsel and Secretary


ASSIGNOR:

Metaldyne Tubular Products, Inc.

By: 
Name: David L. McKee
Title: General Counsel and Secretary

ASSIGNOR:

Metaldyne Machining and Assembly Company, Inc.

By: 
Name: David L. McKee
Title: General Counsel and Secretary

ASSIGNEE:

Metaldyne Chassis Products, LLC

By: _____
Name: _____
Title: _____

ASSIGNOR:

Metaldyne Tubular Products, Inc.

By: _____
Name: _____
Title: _____

ASSIGNOR:

Metaldyne Machining and Assembly Company, Inc.

By: _____
Name: _____
Title: _____

ASSIGNEE:

Metaldyne Chassis Products, LLC

By: ML
Name: Shay Malvezon
Title: Vice President & Secretary

SCHEDULE A

U.S. PATENTS AND PATENT APPLICATIONS

Title	Application No./ Filing Date	Patent No./ Issue Date	Owner
	61/208102		Metaldyne Company LLC
	61/128357		Metaldyne Company LLC
ZERO ROLL SUSPENSION SYSTEM	09/357684 7/20/1999	6173978 1/16/2001	NC-M Chassis Systems, LLC
Apparatus and method for manufacturing knuckle and bearing assembly	11/982437 11/1/2007		Metaldyne Company LLC
Method and apparatus for suspending a vehicular wheel assembly	10/152083 5/20/2002	6676144 1/13/2004	NC-M Chassis Systems, LLC
Zero roll suspension system	09/811198 3/16/2001	6550797 4/22/2003	NC-M Chassis Systems, LLC
Measuring and testing device incorporating an air gauge	11/716803 3/12/2007	7508863 3/31/2009	Metaldyne Company LLC
Knuckle hub assembly and method for making same	11/998865 11/30/2007		Metaldyne Machining and Assembly Company, Inc.
Knuckle hub assembly and method for making same	11/413076 4/27/2006		Metaldyne Machining and Assembly Company, Inc.
Brake rotor assembly and method for making same	10/783942 2/20/2004	7296332 11/20/2007	Metaldyne Machining and Assembly Company, Inc.
Wheel hub assembly fixture	10/016589 12/14/2001	6634266 10/21/2003	Metaldyne Machining and Assembly Company, Inc.

Title	Application No./ Filing Date	Patent No./ Issue Date	Owner
Knuckle hub assembly and method for making same	09/899772 7/5/2001	6450584 9/17/2002	Metaldyne Machining and Assembly Company, Inc.
Brake rotor assembly and method for making same	09/803785 3/12/2001	6708589 3/23/2004	Metaldyne Machining and Assembly Company, Inc.
Knuckle hub assembly and method for making same	09/414113 10/8/1999	6485109 11/26/2002	Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	09/414114 10/8/1999	6212981 4/10/2001	Metaldyne Machining and Assembly Company, Inc.
Method and apparatus for suspending a vehicle	11/291083 11/30/2005	7255357 8/14/2007	NC-M Chassis Systems, LLC
Method and apparatus for suspending a vehicle	11/788506 4/20/2007		NC-M Chassis Systems, LLC
Knuckle and bearing assembly and process of manufacturing same	11/387604 3/23/2006		Metaldyne Company LLC

SCHEDULE B

FOREIGN PATENTS AND PATENT APPLICATIONS

Title	Country	Application No./ Filing Date	Patent No./ Issue Date	Owner
Knuckle hub assembly and method for making same	Australia	2000016284 11/18/1999	777982 11/11/2004	Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	Australia	2000017343 11/18/1999	780189 3/3/2005	Metaldyne Machining and Assembly Company, Inc.
Method and apparatus for suspending a vehicular wheel assembly	China	2002809104 5/21/2002	1505571 4/30/2008	NC-M Chassis Systems, LLC
Method and apparatus for suspending a vehicular wheel assembly	China	200480000430 5/25/2004		NC-M Chassis Systems, LLC
Zero roll suspension system	China	1999812432 9/9/1999	1241762 2/15/2006	NC-M Chassis Systems, LLC
Knuckle and bearing assembly and process of manufacturing same	China	680017561.6		Metaldyne Company LLC

Title	Country	Application No./ Filing Date	Patent No./ Issue Date	Owner
Method and apparatus for suspending a vehicular wheel assembly	European Patent Austria Belgium Switzerland Cyprus Germany Denmark Spain Finland France Great Britain Greece Ireland Italy Luxembourg Monaco Netherlands Portugal Sweden Turkey	02737099 5/21/2002	1404535 7/15/2009	NC-M Chassis Systems, LLC
Method and apparatus for suspending a vehicular wheel assembly	European Patent	04753373 5/25/2004		NC-M Chassis Systems, LLC
Brake rotor assembly and method for making same	European Patent France Germany Great Britain Italy Spain Sweden Turkey	02796367 3/12/2002	1420914 6/21/2006	Metaldyne Machining and Assembly Company, Inc.

Title	Country	Application No./ Filing Date	Patent No./ Issue Date	Owner
Knuckle hub assembly and method for making same	Germany	19983909 11/18/1999		Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	Germany	19983910 11/18/1999		Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	Great Britain	200116426 11/18/1999	2363101 12/31/2002	Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	Great Britain	200116430 11/18/1999	2373201 4/23/2003	Metaldyne Machining and Assembly Company, Inc.
Method and apparatus for suspending a vehicular wheel assembly	Hong Kong	04108047.2 10/18/2004	1065288 4/24/2009	NC-M Chassis Systems, LLC
Method and apparatus for suspending a vehicular wheel assembly	Japan	2002591282 5/21/2002		NC-M Chassis Systems, LLC
Brake rotor assembly and method for making same	Japan	2003522859 3/12/2002		Metaldyne Machining and Assembly Company, Inc.
Zero roll suspension system	Mexico	PA/a/2001/02848 3/19/2001		NC-M Chassis Systems, LLC
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	Mexico	PA/a/01/012197 11/27/2001		Metaldyne Machining and Assembly Company, Inc.
Brake rotor assembly and method for making same	Mexico	PA/a/03/008271 9/12/2003		Metaldyne Machining and Assembly Company, Inc.

Title	Country	Application No./ Filing Date	Patent No./ Issue Date	Owner
Knuckle hub assembly and method for making same	Mexico	PA/a/01/012198 11/27/2001	262797	Metaldyne Machining and Assembly Company, Inc.
Knuckle hub assembly and method for making same	South Korea	2001-7009181	654666	Metaldyne Machining and Assembly Company, Inc.
KNUCKLE HUB FIXTURE ASSEMBLY AND METHOD OF USING	South Korea	2001-7009182	654670	Metaldyne Machining and Assembly Company, Inc.
Brake rotor assembly and method for making same	South Korea	2003-7011963		Metaldyne Machining and Assembly Company, Inc.