

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Stephen L. White</td><td>09/27/2007</td></tr><tr><td>Barry C. Titus</td><td>10/08/2007</td></tr></tbody></table>	Name	Execution Date	Stephen L. White	09/27/2007	Barry C. Titus	10/08/2007	
Name	Execution Date						
Stephen L. White	09/27/2007						
Barry C. Titus	10/08/2007						
RECEIVING PARTY DATA							
Name:	Metaldyne Company, LLC						
Street Address:	47603 Halyard Drive						
City:	Plymouth						
State/Country:	MICHIGAN						
Postal Code:	48170						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11801608</td></tr></tbody></table>	Property Type	Number	Application Number:	11801608			
Property Type	Number						
Application Number:	11801608						
CORRESPONDENCE DATA							
Fax Number:	(216)348-5474						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	25433-00348						
NAME OF SUBMITTER:	Robert H. Earp, III						
Total Attachments: 3 source=25433-~4#page1.tif source=25433-~4#page2.tif							

CH 11801608 \$40.00

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PATENT
REEL: 020601 FRAME: 0207

ASSIGNMENT OF PATENT APPLICATION

Whereas, we, Stephen L. White, having an address at 111-7 Wells Street, Kings Mountain, NC 28086 and Barry C. Titus, having an address at 14170 Riker Road, Chelsea, MI 48118 (collectively "Assignors") have invented, a new and useful invention, for which a U.S. Utility Patent Application was filed on May 10, 2007, having Attorney Docket No. 25433-00348 and Application Serial No 11/801,608; and Provisional Patent Application filed on May 10, 2006 having Attorney Docket No. 25433-00348 and Application Serial No. 60/799,192 and any subsequent applications filed in connection with the above invention (the "Patent").

Whereas, Metaldyne Company, LLC, having an address at 47603 Halyard Drive, Plymouth, MI 48170-2429, hereinafter referred to as "Assignee," is desirous of acquiring the entire right, title and interest in and to said Patent;

NOW, THEREFORE, in consideration of the sum of ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the Assignors, by these presents do sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right to the Patent and all letters patent of foreign countries which may be or have been issued on the invention disclosed in the Patent, all divisions, reissues, and continuations thereof, and all inventions disclosed therein, together with all claims for damages by reason of past or future infringement, with the right to sue for and collect the same for the use and benefit of Assignee and its successors and assigns.

Assignors warrant that they are the exclusive owners of the entire legal and equitable interest in the Patent and the invention disclosed therein, free and clear of all liens and encumbrances; and that they have full power, authority, and capacity to make this Assignment to Assignee. Assignors covenant and agree, for themselves and for their successors and assigns that, at Assignee's request,

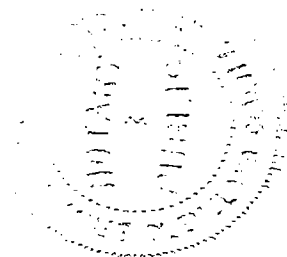
Assignors will cause to be executed and delivered any applications, affidavits, assignments, and other instruments as may be deemed necessary or desirable by Assignee to secure for or vest in Assignee, its successors or assigns, all right, title, and interest in and to any application, patent, or other right or property covered by this assignment, including the right to apply for and obtain patents in foreign countries under the provisions of the International Convention; and Assignors hereby request and authorize the United States Commissioner of Patents and Trademarks to issue any and all United States patents granted on the Patent to Assignee as owner of the entire right, title, and interest in and to the same, and authorizes appropriately empowered officials of foreign countries to issue any letters patent granted on the Patent to Assignee as owner of the entire right, title, and interest in and to the same

By: *Stephen L. White*
Stephen L. White

STATE OF *North Carolina*)
COUNTY OF *Cleveland*) SS:

Before me personally appeared, Stephen L. White, who acknowledged the foregoing instrument to be his free act and deed this *27th* day of *September*, 2007.

Brenda C. Jackson
Notary Public



By: Barry C. Titus
Barry C. Titus

STATE OF Michigan)
) SS:
COUNTY OF Wayne)

Before me personally appeared, Barry C. Titus, who acknowledged the foregoing instrument to be his free act and deed this 8 day of October, 2007.

Stephanie Jean O'Connor
Notary Public

