

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Matthew D. Richardson</td> <td>06/15/2010</td> </tr> <tr> <td>Angela C. Berring</td> <td>06/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Matthew D. Richardson	06/15/2010	Angela C. Berring	06/15/2010				
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Olin Corporation</td> </tr> <tr> <td>Street Address:</td> <td>600 Powder Mill Road</td> </tr> <tr> <td>City:</td> <td>East Alton</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>62024</td> </tr> </table>		Name:	Olin Corporation	Street Address:	600 Powder Mill Road	City:	East Alton	State/Country:	ILLINOIS	Postal Code:	62024
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CORRESPONDENCE DATA											
<p>Fax Number: (314)726-7501</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (314) 726-7500</p> <p>Email: bwheelock@hdp.com</p> <p>Correspondent Name: Harness, Dickey & Pierce, P.L.C.</p> <p>Address Line 1: 7700 Bonhomme Avenue</p> <p>Address Line 2: Suite 400</p> <p>Address Line 4: St. Louis, MISSOURI 63105</p>											
ATTORNEY DOCKET NUMBER:	6113A-004563/US										
NAME OF SUBMITTER:	Bryan K. Wheelock										
<p>Total Attachments: 3</p> <p>source=Assignment (signed)#page1.tif</p> <p>source=Assignment (signed)#page2.tif</p>											

CH \$40.00 29353883

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PATENT
REEL: 024557 FRAME: 0062

ASSIGNMENT

Atty. Docket No. 6113A-004563/US

The undersigned, hereinafter referred to collectively as Assignor, has an interest in the invention entitled:

DISC-SHAPED PROJECTILE FOR A SHOT SHELL

which is the subject of a United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____;
- (c) ☒ filed on 1/15/2010, and assigned Serial No. 29/353,883 or PCT International Application No. _____;
- (d) ☐ U.S. Patent No. _____, issued _____, and
☐ presently assigned as evidenced at Reel _____, Frame _____; or
- (e) ☐ entitled above and naming the undersigned inventors in this provisional patent application; and

Olin Corporation, a corporation of the Commonwealth of Virginia, having its principle office and place of business at 600 Powder Mill Road, East Alton, Illinois 62024, hereinafter referred to as Assignee, is desirous of acquiring Assignor's interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

ASSIGNMENT

Atty. Docket No. 6113A-004563/US

Matthew D. Richardson
Matthew D. Richardson

State of Illinois)
County of Madison) ss.

On this 15th day of June, 2010, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

Stacey Herzog
Notary Public,

Acting in the County Of Madison

State Of Illinois

My Commission Expires 10/23/11



ASSIGNMENT

Atty. Docket No. 6113A-004563/US

Angela C. Berring
Angela C. Berring

State of Illinois)
County of Madison) ss.

On this 15th day of June, 2010, before me personally appeared the foregoing individuals, who executed the foregoing instrument and who acknowledged to me that they executed the same of their own free will for the purpose therein set forth.

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