

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>JEFFERY L. FORD</td> <td>11/03/2011</td> </tr> <tr> <td>BENJAMIN ADAMS</td> <td>12/01/2011</td> </tr> <tr> <td>ERIC CUTIONGCO</td> <td>11/03/2011</td> </tr> </tbody> </table>		Name	Execution Date	JEFFERY L. FORD	11/03/2011	BENJAMIN ADAMS	12/01/2011	ERIC CUTIONGCO	11/03/2011		
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<table border="1"> <tr> <td>Name:</td> <td>BARNES GROUP INC.</td> </tr> <tr> <td>Street Address:</td> <td>123 MAIN STREET</td> </tr> <tr> <td>City:</td> <td>BRISTOL</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06010</td> </tr> </table>		Name:	BARNES GROUP INC.	Street Address:	123 MAIN STREET	City:	BRISTOL	State/Country:	CONNECTICUT	Postal Code:	06010
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (216)363-9001</p> <p>Phone: 216-363-9000</p> <p>Email: bturung@faysharpe.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Brian E. Turung</p> <p>Address Line 1: 1228 Euclid Ave.</p> <p>Address Line 2: The Halle Bldg., Fifth Floor</p> <p>Address Line 4: CLEVELAND, OHIO 44115</p>											
ATTORNEY DOCKET NUMBER:	BGEE 200159US01										
NAME OF SUBMITTER:	BRIAN E. TURUNG										
Total Attachments: 5											

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Jeffery Ford, Benjamin Adams, Michael Schroder, and Eric Cutiongco** of Bristol, Connecticut ("Inventors") who have created a certain invention for which a U.S. Patent Application has been

☐ executed concurrently herewith
☐ executed on
☒ filed November 3, 2011, and assigned Application Serial No. 13/288,395

and is entitled

HYBRID METAL LEADING EDGE PART AND METHOD FOR MAKING THE SAME

hereby sell, assign and transfer to **Barnes Group Inc.**, ("Assignee"), a corporation of the State of Delaware, having a place of business at **123 Main Street, Bristol, Connecticut 06010**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts

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requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at the City of HOLT State of MICHIGAN
on this 3 day of NOVEMBER, 2011.

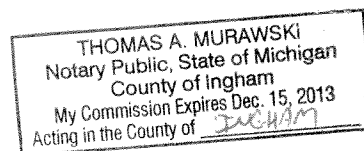

Jeffery L. Ford

State of MICHIGAN)
County of INGHAM) ss:
)

On this 3 day of NOVEMBER, 2011 before me personally came Jeffery L. Ford, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

Seal



Signed at the City of West Hartford State of Connecticut
on this 15th day of December, 2011.

Benjamin Adams
Benjamin Adams

State of Connecticut
County of Hartford

)
) ss: West Hartford
)

On this 15th day of December, 2011 before me
personally came Benjamin Adams, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.

Glenda Fournier
Notary Public

Seal

GLEENDA FOURNIER
NOTARY PUBLIC
My Commission Expires May 31, 2015

Signed at the City of _____ State of _____
on this _____ day of _____, 2011.

Michael Schroder

State of _____)
County of _____)ss:
_____)

On this _____ day of _____, 2011 before me
personally came Michael Schroder, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal

Signed at the City of New York State of New York
on this 3rd day of November, 2011.

Eric Cutiongco
Eric Cutiongco

State of New York)
County of New York)ss:
)

On this 3rd day of November, 2011 before me
personally came Eric Cutiongco, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.

Patrick J. Hardy
Notary Public

Seal

PATRICK J. HARDY
NOTARY PUBLIC, State of New York
No. 01HA5052980
Qualified in New York County
Commission Expires Dec. 11, 2013