PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP G. COSTELLO	12/20/2004
MEHIEDDINE RABABEH	12/17/2004
CHARLES K. ROGERS	12/17/2004
RONALD D. STEBBEDS JR.	12/16/2004

RECEIVING PARTY DATA

Name:	BARNES GROUP INC.
Street Address:	123 MAIN STREET
City:	BRISTOL
State/Country:	CONNECTICUT
Postal Code:	06010

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12186084

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: BGEE 2 00050-2

NAME OF SUBMITTER: BRIAN E. TURUNG

Total Attachments: 3

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Docket No. BGEE 200050

FAY, SHARPE, FAGAN, MINNICH & MCKEE LLP 1100 Superior Avenue, 7th Floor Cleveland, OH 44114-2579

ASSIGNMENT

WHEREAS, ASSIGNORS: Philip G. Costello, Mehieddine Rababeh, Charles Kennedy Rogers and Ronald Dean Stebbeds, Jr.

of the Cities, Counties and States, respectively of: North Haven, New Haven, Connecticut; Dearborn, Wayne, Michigan; Warren, Macomb, Michigan and Saint Clair Shores, Macomb, Michigan, respectively

have made an invention in

A DEVICE FOR CREATING AN ADJUSTABLE ANGULAR FORCE

and have executed on December 17, 2004 December 16, 2004, respectively, an application for Letters Patent of the United States on said invention, hereinafter referred to as "said application";

AND, WHEREAS, BARNES GROUP INC., a Connecticut Corporation

having its principal place of business at 123 Main Street
Bristol, Connecticut 06010

hereinafter called ASSIGNEE, is desirous of acquiring the entire worldwide rights, title and interest in, to and under said invention and said application;

NOW THEREFORE

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, ASSIGNORS hereby sell, transfer and assign to the ASSIGNEE, 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, 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

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have been held and enjoyed by ASSIGNORS 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, 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 ASSIGNORS could have done if the foreign application had been filed in the names of the ASSIGNORS, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and ASSIGNORS authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it 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 ASSIGNORS covenant that ASSIGNORS have full right to convey the said entire interest herein assigned and that ASSIGNORS have not executed and will not execute any agreement in conflict herewith, and ASSIGNORS will communicate to ASSIGNEE, its successors, assigns, nominees or other legal representatives all facts known to ASSIGNORS 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 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, AS-SIGNORS will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and,

ASSIGNORS further covenant and agree that ASSIGNORS 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 ASSIGNORS 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.

IN WITNESS WHEREOF, this assignment has been executed by the undersigned.

) SS

PHILIP G/COSTELLO

STATE OF CONNECTICUT
COUNTY OF Hartford

Subscribed and sworn to before me this 20 day of December 2004

Symme M. Chohibeld

Notary Public

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My commission expires

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Subscribed and sworn to be	efore me this 17 day of foremular 2004 Leta Johns 5/19/06 Notary Public
	Charles K. ROGERS
state of Michegan country of Wayne) SS)
Subscribed and sworn to be	efore me this 17 day of Yle Complet 2004 Yeleta a sons 5/9/06 Notary Public
	Provided to Selection State of the Selection S
STATE OF MICHIGAN	RONALD D. STEBBEDS, JR.)) SS
COUNTY OF LIVINGSTON Subscribed and sworn to b) SS) ACTING IN WATNE efore me this 16 day of DECEMBER 2004 Notary Public
	OYNTHIA IS!ENHOPF Notery Public, Livingston County, Election Tay Commission Electron April 25, 2007 64/25/2007

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