

## 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>Chad Ryshkus</td><td>07/25/2011</td></tr><tr><td>Jonathan P. Crandall</td><td>07/25/2011</td></tr><tr><td>Douglas J. Roger</td><td>07/24/2011</td></tr></tbody></table>	Name	Execution Date	Chad Ryshkus	07/25/2011	Jonathan P. Crandall	07/25/2011	Douglas J. Roger	07/24/2011					
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Jonathan P. Crandall	07/25/2011												
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Greatbatch Ltd.</td></tr><tr><td>Street Address:</td><td>10000 Wehrle Drive</td></tr><tr><td>Internal Address:</td><td>Intellectual Property</td></tr><tr><td>City:</td><td>Clarence</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>14031</td></tr></table>	Name:	Greatbatch Ltd.	Street Address:	10000 Wehrle Drive	Internal Address:	Intellectual Property	City:	Clarence	State/Country:	NEW YORK	Postal Code:	14031	
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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>29398367</td></tr></tbody></table>	Property Type	Number	Application Number:	29398367									
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CORRESPONDENCE DATA													
Fax Number: (716)759-5074 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 716-759-5810													
Email: dkraft@greatbatch.com													
Correspondent Name: Greatbatch Ltd.													
Address Line 1: 10,000 Wehrle Drive													
Address Line 4: Clarence, NEW YORK 14031													
ATTORNEY DOCKET NUMBER:	ORTH-IND-0049												
NAME OF SUBMITTER:	Denise A. Kraft												
Total Attachments: 4 source=ORTHIND0049ASSIGN#page1.tif source=ORTHIND0049ASSIGN#page2.tif source=ORTHIND0049ASSIGN#page3.tif source=ORTHIND0049ASSIGN#page4.tif													

OP \$40.00 29398367

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PATENT  
REEL: 026673 FRAME: 0270

## ASSIGNMENT OF INVENTION

WHEREAS, We, Chad Ryshkus, 4126 Felicia Run, Kansasville, Wisconsin, Jonathan P. Crandall, 8110 Silver Springs Run, Fort Wayne, Indiana and Douglas J. Roger, 24 Pebble Beach Drive, Rancho Mirage, California, have invented a certain new and useful improvement in **Secondary Anterior Retractor**.

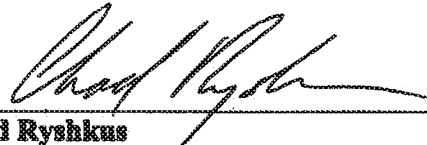
AND WHEREAS, Greatbatch Ltd., 10,000 Wehrle Drive, Clarence, New York, is desirous of acquiring all interest in said invention, any application for Letters Patent directed to said invention, and in any Letters Patent which may be granted therefore;

NOW THIS INDENTURE WITNESSETH, that for the sum of one dollar and other valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we hereby assign, sell, and transfer unto said Greatbatch Ltd. the entire right, title, and interest in said invention, said application, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights, rights under the International Convention For The Protection Of Industrial Property, rights under the Patent Cooperation Treaty, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Greatbatch Ltd. as the assignee of the whole right, title, and interest thereto.

And we further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the assignee thereof shall hereafter require and prepare at its own expense.

WITNESS, my hand and seal this 25 day of July, 2011.

  
Chad Ryshkus

WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Jonathan P. Crandall

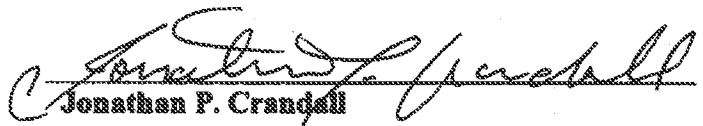
WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Douglas J. Roger

WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Chad Ryshkus**

WITNESS, my hand and seal this 25 day of JULY, 2011.

  
**Jonathan P. Crandall**

WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Douglas J. Roger**

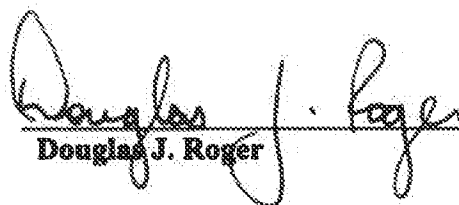
WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Chad Ryshkus**

WITNESS, my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Jonathan P. Crandall**

WITNESS, my hand and seal this 24 day of July, 2011.

  
\_\_\_\_\_  
**Douglas J. Roger**