

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>Mr. Thomas Chmielewski</td><td>08/22/2007</td></tr><tr><td>Mr. Brian J. Cohen</td><td>08/22/2007</td></tr><tr><td>Mr. Yiping Guan</td><td>08/22/2007</td></tr></tbody></table>		Name	Execution Date	Mr. Thomas Chmielewski	08/22/2007	Mr. Brian J. Cohen	08/22/2007	Mr. Yiping Guan	08/22/2007
Name	Execution Date								
Mr. Thomas Chmielewski	08/22/2007								
Mr. Brian J. Cohen	08/22/2007								
Mr. Yiping Guan	08/22/2007								
RECEIVING PARTY DATA									
Name:	Hitachi Medical Systems America, Inc.								
Street Address:	1959 Summit Commerce Park								
City:	Twinsburg								
State/Country:	OHIO								
Postal Code:	44087								
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>11843744</td></tr></tbody></table>		Property Type	Number	Application Number:	11843744				
Property Type	Number								
Application Number:	11843744								
CORRESPONDENCE DATA									
Fax Number: (330)252-5535 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 330.258.6453									
Email: ipdocketakron@bdblawn.com									
Correspondent Name: Louis F. Wagner									
Address Line 1: 3800 Embassy Parkway, Suite 300									
Address Line 4: Akron, OHIO 44333									
ATTORNEY DOCKET NUMBER:	62459-0010 (HITACHI)								
NAME OF SUBMITTER:	Louis F. Wagner								
Total Attachments: 5 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif									

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PATENT  
REEL: 019740 FRAME: 0647

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Practitioner's Docket No. 62459-0010

**PATENT**

First Inventor (or sole inventor)

☒ see additional sheet for multiple inventors

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☒ U.S. Patent  
For: ☒ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or Entity(ies) who own the Invention	Thomas CHMIELEWSKI
Address	2469 Harvester Dr., Stow, Ohio 44224
Nationality	United States

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_ Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

Type or Print name(s) of ASSIGNEE(s)	Hitachi Medical Systems America, Inc.
Address	1959 Summit Commerce Park Twinsburg, OH 44087
Nationality	Delaware U.S. corporation

and the successors, assigns and legal representative of the ASSIGNEE

**PATENT**  
**REEL: 019740 FRAME: 0649**

Practitioner's Docket No. 62459-0010

**PATENT**

Second Inventor

☒ see additional sheet for multiple inventors

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☒ U.S. Patent  
For: ☒ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or Entity(ies) who own the Invention	Brian J. COHEN
Address	3944 Lake Run Boulevard, Stow, Ohio 44224
Nationality	United States

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

Type or Print name(s) of ASSIGNEE(s)	Hitachi Medical Systems America, Inc.
Address	1959 Summit Commerce Park Twinsburg, OH 44087
Nationality	Delaware U.S. corporation

and the successors, assigns and legal representative of the ASSIGNEE

1a

Practitioner's Docket No. 62459-0010

**PATENT**

Third Inventor

☐ see additional sheet for multiple inventors

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☒ U.S. Patent  
For: ☒ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s) or person(s) or Entity(ies) who own the Invention	Yiping GUAN
Address	130 Chadwick Drive Aurora, Ohio 44202
Nationality	Chinese

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

Type or Print name(s) of ASSIGNEE(s)	Hitachi Medical Systems America, Inc.
Address	1959 Summit Commerce Park Twinsburg, OH 44087
Nationality	Delaware U.S. corporation

and the successors, assigns and legal representative of the ASSIGNEE

1b

(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Inherently Decoupled Solenoid Pair Elements

Name of Inventor(s): Thomas CHMIELEWSKI, Brian J. COHEN and Yiping GUAN

[check and complete (a), (b), (c), (d), (e), (f), or (g)]

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☒ U.S. patent application executed on 08/22/2007
- (c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.
- ☐ Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_
- ☒ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) ☒ U.S. application no. 11/843,744  
filed on 08/23/2007
- (e) ☐ International application no. PCT/\_\_\_\_\_/\_\_\_\_\_
- (f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_
- ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority



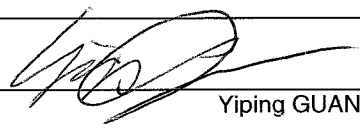
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this \_\_\_\_\_ day of \_\_\_\_\_.  
Date of Signing

WARNING: The date of signing must be the same as the date of execution of this application, if item(a) was checked above.

8/22/2007 Date	 Thomas CHMIELEWSKI (Typed or Printed Name)
	 Brian J. COHEN (Typed or Printed Name)
8/22/07 Date	
8/22/07 Date	 Yiping GUAN (Typed or Printed Name)

(If ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

NOTE: No witnesses, notarization or legalization is necessary. If the assignment is notarized or legalized, then  
It will only be prima facie evidence of execution, 35 U.S.C. § 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

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