

PATENT ASSIGNMENT

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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>Russell Douglas Ide</td><td>06/29/2009</td></tr><tr><td>Russell Charles Ide</td><td>06/29/2009</td></tr></tbody></table>	Name	Execution Date	Russell Douglas Ide	06/29/2009	Russell Charles Ide	06/29/2009	
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Russell Douglas Ide	06/29/2009						
Russell Charles Ide	06/29/2009						
RECEIVING PARTY DATA							
Name:	CERADYNE, INC.						
Street Address:	3169 Red Hill Avenue						
City:	Costa Mesa						
State/Country:	CALIFORNIA						
Postal Code:	92626						
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>12433527</td></tr></tbody></table>	Property Type	Number	Application Number:	12433527			
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Application Number:	12433527						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	CER0024-US-CIP2						
NAME OF SUBMITTER:	Michael Bednarek						
Total Attachments: 5 source=CER0024-US-CIP2-Assignment#page1.tif source=CER0024-US-CIP2-Assignment#page2.tif							

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ASSIGNMENT

WHEREAS, Russell D. Ide, residing at No. 40, Island View Way, Charlestown, Rhode Island 02813; and Russell C. Ide, residing at 1 Rocky Way, West Kingston, Rhode Island 02892; (hereinafter "Assignors") have invented certain new and useful improvements in

THRUST BEARING ASSEMBLY

for a full description of which, reference is here made to an application for Letters Patent of the United States of America

☐ Executed concurrently herewith

☐ Executed on

☒ Serial. No. **12/433,527**, filed **APRIL 30, 2009**

in the U.S. Patent and Trademark Office and to U.S. provisional patent application(s)

☐ Serial. No. , filed

in the U.S. Patent and Trademark Office; and

WHEREAS, CERADYNE, INC., a corporation of the State of Delaware, having its principal office and place of business at 3169 Red Hill Avenue, Costa Mesa, CA 92626 (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said invention and application above identified, and in, to, and under any Letters Patent that may be obtained for said invention, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable and legally sufficient consideration, the receipt of which by each Assignor from Assignee is hereby acknowledged, Assignors have agreed to sell, assign,

ASSIGNMENT**DOCKET NO. CER0024-US-CIP2**

and transfer and by these presents does hereby, sell, assign, and transfer unto Assignee the entire right, title and interest in, to, and under said invention and application above identified and Letters Patent of the United States of America that may be obtained in respect thereof; any corresponding applications for Letters Patent and Letters Patent therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

Assignors hereby covenant and agree, for themselves and for their respective legal representatives, to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications or Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this ASSIGNMENT.

Assignors hereby authorize and empower Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignors might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended) and to invoke and claim said rights without further written or oral authorization from Assignors.

Assignors hereby consent that a copy of this ASSIGNMENT shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

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Assignors covenant and agree that this ASSIGNMENT and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignors.

Assignors hereby authorize and request Assignee to fill in the following blanks specifying the United States Serial No. and filing date for said application above identified:

U.S. Serial No.: 12/433,527

Filed: April 30, 2009

but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this ASSIGNMENT.

Assignors hereby authorize and request the Commissioner of Patents and the United States Patent and Trademark Office to issue Letters Patent to Assignee in accordance with the terms of this ASSIGNMENT.

ASSIGNMENT

DOCKET NO. CER0024-US-CIP2

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this 29 day of June, 2009.

SIGNATURE: 

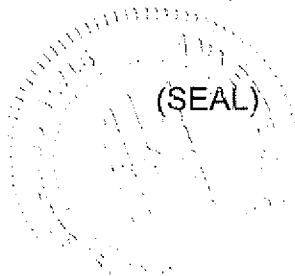
NAME: **RUSSELL DOUGLAS IDE**

STATE OF Rhode Island

COUNTY OF Washington

I, Annette J. Ide, a Notary Public in and for the County and State aforesaid, do hereby certify that **Russell D. Ide**, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the use and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 29th day of June, 2009.



(SEAL)


Notary Public

ASSIGNMENT

DOCKET NO. CER0024-US-CIP2

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this
29th day of June, 2009.

SIGNATURE: 

NAME: **RUSSELL CHARLES IDE**

STATE OF Rhode Island

COUNTY OF Washington

I, Annette J. Ide, a Notary Public in and for the County
and State aforesaid, do hereby certify that **Russell C. Ide**, personally known to me to be
the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he/she signed, sealed, and
delivered the said instrument as his/her free and voluntary act for the use and purposes
therein set forth.

29th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this
day of June, 2009.

(SEAL)


Notary Public