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Form PTO-1595 (Rev. 09/04)  
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**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**Mohammad B. Bahramian  
Helmut Zarbl

Execution Date(s) Feb. 7 and 8, 2005 (HZ and MBB)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Impedagen, LLC

Internal Address: \_\_\_\_\_

Street Address: 13710 Riviera Pl. NE

City: Seattle

State: WA

Country: King Zip: 98125

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

09/472,558

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Peter J. Knudsen

Internal Address: \_\_\_\_\_

Street Address: 13710 Riviera Pl. NE

City: Seattle

State: WA Zip: 98125

Phone Number: 206-367-0259

Fax Number: 206-367-5083

Email Address: knudsen.llc@comcast.net

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Peter J. Knudsen

Signature

February 9, 2005

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

02/16/2005 ECDOPER 00000347 09472558  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

01 FC:8021

40.00 DP

**PATENT**  
**REEL: 016258 FRAME: 0430**

# ASSIGNMENT

**WHEREAS**, I, Helmut Zarbl (hereinafter referred to as ASSIGNOR), having a post office address 35531 English Street, Snoqualmie, WA 98065, am a co-inventor of an invention entitled MUTING GENE ACTIVITY USING A TRANSGENIC NUCLEIC ACID, as described and claimed in the specification for which an application for United States letters patent was filed on December 27, 1999, and assigned Application No. 09/472,558, and

**WHEREAS**, Impedagen, LLC (hereinafter referred to as ASSIGNEE), a company of the State of Washington, having a place of business at 13710 Riviera Pl. NE, Seattle WA 98125, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to his invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its

successors and assigns for their use and benefit and of their successors and assigns fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

02/08/05 Helmut Zarbl  
Date Helmut Zarbl

State of Maryland  
County of Montgomery

I certify that I know or have satisfactory evidence that Helmut Zarbl is the person who appeared before me, and said person acknowledged that he signs this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated February 7, 2005  
Signature of Notary Public Susana Cardenas  
Printed Name SUSANA CARDENAS  
My appointment expires Feb. 2008

## **ASSIGNMENT**

**WHEREAS**, I, Mohammad B. Bahramian (hereinafter referred to as an ASSIGNOR), having a post office address 175 Brushy Plain Road, Unit 3C6, Branford CT 06405, am a co-inventor of an invention entitled MUTING GENE ACTIVITY USING A TRANSGENIC NUCLEIC ACID, as described and claimed in the specification for which an application for United States letters patent was filed on December 27, 1999, and assigned Application No. 09/472,558, and

**WHEREAS**, Impedagen, LLC (hereinafter referred to as ASSIGNEE), a company of the State of Washington, having a place of business at 13710 Riviera Pl. NE, Seattle WA 98125, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to his invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all

letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Feb. 8, 2005      M. B. Bahramian  
Date                      Mohammad B. Bahramian

State of Connecticut )  
County of New Haven )

I certify that I know or have satisfactory evidence that Mohammad B. Bahramian is the person who appeared before me, and said person acknowledged that he signs this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated FEBRUARY 8, 2005  
Signature of Notary Public Marita N. DeMatted  
Printed Name MARITA N. DeMATTED  
My appointment expires NOTARY PUBLIC  
MY COMMISSION EXPIRES MARCH 31, 2006