

10-17-2005

DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORD

PA.....103100880

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):

Dentcho Ivanov (05/17/05)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): see Box 1, conveying parties

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

NEW JERSEY INSTITUTE OF
TECHNOLOGY

Name: _____

Internal Address: _____

Street Address: _____

323 Dr. Martin Luther King Jr. Blvd.,
University Heights,

City: Newark

State: New Jersey

Country: United States of America Zip: 07102

Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

11/109,987

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Thomas J. Engellenner
NUTTER MCCLENNEN & FISH LLP

Internal Address: Atty. Dkt.: 101353-0271

Street Address: World Trade Center West
155 Seaport Boulevard

City: Boston

State: MA Zip: 02210-2604

Phone Number: (617) 439-2000

Fax Number: (617) 310-9000

Email Address: TEngellenner@Nutter.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ 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:

Signature

October 11, 2005

Date

Thomas J. Engellenner 28,711

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Recordation Form Cover Sheet

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 11, 2005

Signature: _____ (Thomas J. Engellenner)

1470226.1

10/14/2005 ECODER 0000050 11/109987

01 FC:8021

40.00 DP

PATENT
REEL: 017076 FRAME: 0676

Assignment of Patent Rights

The parties to this assignment are listed below and if there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them:

ASSIGNOR:

Dentcho Ivanov, a citizen of the United States of America,
having an address at 7 Aspen Road
West Orange, NJ 07052

ASSIGNEE:

New Jersey Institute of Technology, a New Jersey non-profit university
having its principal office at 323 Dr. Martin Luther King Jr. Blvd.,
University Heights,
Newark, New Jersey, 07102-1982.

ASSIGNORS, have invented new and useful improvements in relation to this assignment concerning the following patent application and/or issued patent, which is hereinafter referred to as "the Patent":

an Application for Letter Patent in the U.S. Patent and Trademark Office on April 20, 2005, as Application Serial No. 11/109,987, entitled WAVEFORM SENSING AND REGULATING FLUID FLOW VALVE.

ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said improvement and the said Patent application.

ASSIGNOR has received valuable and legally sufficient consideration for this assignment, and the receipt of which is hereby acknowledged. ASSIGNOR assigns to Assignee all of Assignor's right, title and interest in, to and under the said improvement, the said Patent application (and said provisional application, including any priority rights applicable therefrom), the invention described and claimed in the Patent, and all patents that may issue based on the invention and on the Patent in the United States and in every foreign country, including the right to enforce the Patent for infringement accrued prior to the effective date of this assignment, as well as all divisions, renewals, continuations, reissues and extensions thereof, and all applications for Patents which may now or hereafter be filed for said improvements in any country or countries foreign to the United States, (including any International Application filed under the Patent Cooperation Treaty) including the right to claim priority under the terms of any appropriate International Convention based upon said application for Patent of the United States, and all

Patents which may be granted for said improvements in any country or countries foreign to the United States and extensions, renewals and reissues thereof. Assignor also assigns to Assignee all priority rights in the Patent. In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. ASSIGNOR authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to ASSIGNEE.

ASSIGNOR states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment and that the assignor has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR will sign any additional documents as may be needed to carry out the purpose of this assignment.

This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

The undersigned hereby grant(s) to the firm of Nutter, McClennen & Fish, LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604, the power to insert on this assignment any further identification of the Patent which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office concerning recordation of this document.

IN TESTIMONY WHEREOF, we hereunto set by our hand and seal the day and year set opposite our signatures.

SIGNATURE(S)

DATE

TYPED OR PRINTED NAME(S)



05/17/2005

Dentcho Ivanov

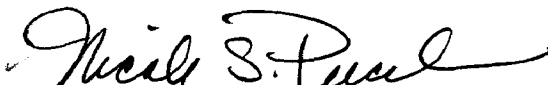
Assignor Signature

Witness Name (printed) ✓ Nicole S. Perce

Date ✓ 5-17-05

Witness Signature

Witness Address:


 1100 Grand St. Apt 501
 Hoboken NJ 07030