

Form PTO-1595 (Rev. 08/05)  
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## RECORDATION FORM COVER SHEET 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)

Ronald H. Micheels, Ranganathan Shashidhar, and  
Karen K. Carpenter

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

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

Execution Date(s) May 2, 2008

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

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

Name: Polestar Technologies, Inc.

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

Street Address: 220 Reservoir Street, Suite 32

City: Needham Heights

State: MA

Country: USA Zip: 02494

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)

B. Patent No. (s)

11/977,873

Additional numbers attached? ☐ Yes ☒ No

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

Name: TOWNSEND & BANTA

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

Street Address: c/o PortfolioIP, P.O. Box 52050

City: Minneapolis

State: MN Zip: 55402

Phone Number: 202-220-3124

Fax Number: 202-478-0844

Email Address: \_\_\_\_\_

### 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 20-1424

Authorized User Name Donald Townsend

### 9. Signature:

Donald E. Townsend, Jr.

Signature

May 5, 2008

Date

Donald E. Townsend, Jr.

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0146, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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PATENT  
REEL: 020903 FRAME: 0673

May MAY. 2. 2008 5:07PM ESTAR LRB BUSINESS CENTERS

781-449-10 NO. 7576 P. 2

PTI-005-USA-P

**ASSIGNMENT**

WHEREAS I/WE, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**Optical System And Method For Inspection And  
Characterization Of Liquids In Vessels**

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(Title of Invention)

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for which I/We executed an application for United States Letters Patent concurrently herewith on filed an application for United States Letters Patent on October 26, 2007 (Serial No. 11/977,873); and

WHEREAS, Polestar Technologies, Inc.  
(Full Name of Assignee)

a corporation of U.S.A.  
(Country of Incorporation)

whose post office address is 220 Reservoir Street, Suite 32,  
Needham Heights, MA 02494

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which the assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting his invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation-in-part, continuation prosecution and reissue applications, make all rightful oaths and generally do everything possible to aid assignee,

**PATENT****REEL: 020903 FRAME: 0674**

May MAY. 2. 2008, 5:07PM ESTAR LRB BUSINESS CENTERS

781-449-1011 NO. 7576 P. 33

FTI-005-USA-P

its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Self or First Assignor	Assignor's Signature	Date
Ronald H. Micheels	<i>Ronald H. Micheels</i>	May 2, 2008
Address		Citizenship
c/o Polestar Technologies, Inc. 220 Reservoir Street, Suite 32, Needham Heights, MA 02494		USA
2. Full Name of Second Assignor, if any	Assignor's Signature	Date
Ranganathan Shashidhar	<i>Ranganathan Shashidhar</i>	5/2/2008
Address		Citizenship
c/o Polestar Technologies, Inc. 1940 Duke Street, Suite 215, Alexandria, VA 22314		USA
3. Full Name of Third Assignor, if any	Assignor's Signature	Date
Karen K. Carpenter	<i>Karen K. Carpenter</i>	5/2/2008
Address		Citizenship
c/o Polestar Technologies, Inc. 220 Reservoir Street, Suite 32, Needham Heights, MA 02494		USA

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