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9-1100

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date Month Day Year

Name (line 2)

**Second Party**

Name (line 1)  Execution Date Month Day Year

Name (line 2)

09638366

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

09/20/2000 MTHA11 00000411 09638366

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40.00 DP

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Mail documents to be recorded with required cover sheet(s) information to:  
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**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

<input type="text" value="09/638,366"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

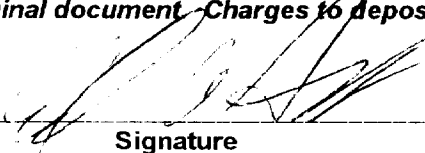
Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Carl A. Forest  
Name of Person Signing

  
Signature

9/15/00  
Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

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Name (line 2)

Address (line 1)

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Address (line 3)

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Name (line 2)

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**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

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For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

**ASSIGNMENT OF INVENTION**

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

**ASSIGNORS:**

Brian A. Knollenberg  
1100 Stoneham Street  
Superior, CO 80027  
Nationality: USA

Glenn W. Brandon  
10165 Oxford Road  
Niwot, CO 80504  
Nationality: USA

Bryan Bast  
2009 Wendover Street, #3  
Pittsburgh, PA 15217  
Nationality: USA

hereby sell, assign and transfer to

**ASSIGNEE:**

Particle Measuring Systems, Inc.  
5475 Airport Boulevard  
Boulder, CO 80301-2339  
State or Country of Formation: Colorado

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

**ENSEMBLE MANIFOLD, SYSTEM AND METHOD FOR MONITORING PARTICLES  
IN CLEAN ENVIRONMENTS**

in and to (37 C.F.R. Section 3.21) U.S. Application No. 09/638,366 filed on August 15, 2000, including any and all improvements which are disclosed therein, and any legal equivalent of the foregoing invention, application and improvements 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.


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

(Assignment of Invention--page 1 of 2)

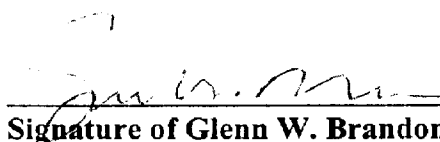
ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation 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, we have hereunto set our hands and seals on the respective dates below.

Date: 8/23/00

  
Signature of Brian A. Knollenberg

Date: 8/23/00

  
Signature of Glenn W. Brandon

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Bryan Bast

For: U.S. Rights and Foreign Rights  
For: U.S. Application  
By: Inventors

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hereby sell, assign and transfer to

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Particle Measuring Systems, Inc.  
5475 Airport Boulevard  
Boulder, CO 80301-2339  
State or Country of Formation: Colorado

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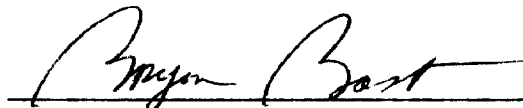
Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Brian A. Knollenberg

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Glenn W. Brandon

Date: 8/23/00

  
\_\_\_\_\_  
Signature of Bryan Bast