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U.S. DEPARTMENT OF COMMERCE
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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):

Hooshmand M. Kalayeh

Execution Date(s) August 17, 2005

Additional name(s) of conveying party(ies) attached? YES NO

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

Name: ITT Manufacturing Enterprises, Inc.

Internal Address: _____

Street Address: 1105 N. Market Street

Suite 1217

City: Wilmington

State: DE

Zip: 19801

Country: U.S.A.

Additional name(s) & address(es) attached? YES NO

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Correction of Assignment Recordation
(previously recorded at Reel _____, Frame _____).
- Other

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application Number(s) _____

B. Patent Number(s) _____

Additional number(s) attached? YES NO

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

Name: Robert P. Seitter
Internal Address: RatnerPrestia

Street Address: Suite 301
One Westlakes
Berwyn, P.O. Box 980
City: Valley Forge State: PA
ZIP: 19482-0980

OR

Street Address: Nemours Building
1007 Orange Street
Suite 1100, P.O. Box 1596
City: Wilmington State: DE
ZIP: 19899

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
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- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card - Last 4 Numbers 1001
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b. Deposit Account Number _____
Authorized User Name Melissa Clemons

9. Signature:

August 18, 2005

Date

Jack J. Jankovitz

Name of Person Signing

42,690

Registration Number

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT - Patent ApplicationDocket Number: **ITDE-PSSD145US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Hooshmand M. Kalayeh	2.
	3.	4.
	5.	6.

made an invention entitled: **MULTI-SENSORS AND DIFFERENTIAL ABSORPTION LIDAR DATA FUSION**for which an application for Letters Patent of the United States:
(Select one of the following):

- is executed concurrently herewith
 was filed in the U.S. Patent and Trademark Office on _____,
as U.S. Patent Application Serial No.: _____

ASSIGNEE
(Full Name and Address)

ITT Manufacturing Enterprises, Inc.
1105 N. Market Street
Suite 1217
Wilmington, DE 19801

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

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

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

ASSIGNMENT - Patent Application

Docket Number: ITDE-PSSD145US

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name

Signature

Date

1. Hooshmand M. Kalayeh

HK Kalayeh

8/17/05

* Witness to Assignor #1

2.

* Witness to Assignor #2

3.

SIGNATURE

* Witness to Assignor #3

4.

* Witness to Assignor #4

5.

* Witness to Assignor #5

6.

* Witness to Assignor #6

Application for United States Letters Patent:

Serial No.: _____

Filed: _____

Attorney Docket Number: ITDE-PSSD145US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries