

BOX ASSIGNMENTS



06-30-2009



103565491

Attorney Docket No. 2551-0078

To the Assistant Commissioner of Patents and Trademarks.

Sir: Please Record the Attached Original Document(s) or Copy Thereof.

6/25/09

1. Name of Conveying Party(ies):

1. Bryan Doi	2.	3.
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Additional Name(s) of Conveying Party(ies) Attached? YES NO

TITLE OF INVENTION	METHOD AND SYSTEM FOR RECONFIGURABLE MEMORY-BASED PERMUTATION IMPLEMENTATION
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2. Party(ies) Receiving Interest:

Name and Address	ITT Manufacturing Enterprises, Inc. 1105 North Market Street, Suite 1217 Wilmington, Delaware 19801
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Additional Name(s) & Address(es) of Assignee(s) Attached? YES NO

3. Nature Of Conveyance (Document):

Assignment of:	<input checked="" type="checkbox"/> Whole	<input type="checkbox"/> Part Interest
<input type="checkbox"/> Original	<input checked="" type="checkbox"/> Facsimile/Photocopy	<input type="checkbox"/> Change of Name

Execution Date(s) on the Conveyance: June 24, 2009

Execution Date(s) on the Declaration if Filed Herewith: June 24, 2009

4. Application No(s). or Patent No(s). Others on Additional Sheet(s) Attached? YES NO

Appl. Serial No.	Docket No.	1 st Inventor if not in Item 1	Patent No.	Issue Date	1 st Inventor if not in Item 1
12/457,042	2551-0078				

5. Name and Address of Party to Whom Correspondence Involving Document Should be Mailed: Kimani Clark Davidson Berquist Jackson & Gowdey, LLP 4300 Wilson Boulevard, 7 th Floor Arlington, VA 22203	7. Number Involved: Applications: 1 + Patents: 0 = Total: 1
	8. Amount of Fee Enclosed: (Code 581) Above Total x \$40.00 = \$40.00
6. Attorney Docket: 2551-0078	9. If Above Fee is Missing or Inadequate, Charge Deficiency to Deposit Account No. 501860 under Order No.: 2551-0078

10. Total number of pages including this cover sheet, attachments and document: 2

11. 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.

CUSTOMER NUMBER 42624

Respectfully submitted, 06/23/2009 DRYRNE 00000003 501860 12457042 -6.00 DR

By:
Kimani Clark
Registration No. 45,969

Date: June 25, 2009

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ASSIGNMENT of U.S. and Foreign Patent Rights

Attorney Docket: 2551-0078

(Inventors) **Bryan Doi of Queen Creek, AZ**

In consideration of the sum of one dollar (\$1.00) and other good valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to **ITT Manufacturing Enterprises, Inc. ("ITT")**, a corporation of Delaware, having an office and place of business at **1105 North Market Street, Suite 1217, Wilmington, DE 19801**, the undersigned's entire right, title and interest in the invention, all applications filed therefor for patent in the United States and in foreign countries, and any Letters Patent which may be granted therefor in the United States and in foreign countries, known as:

(Title) **METHOD AND SYSTEM FOR RECONFIGURABLE MEMORY-BASED PERMUTATION IMPLEMENTATION**

for which the undersigned have already filed U.S. application Serial No. **12/457,042** on **May 29, 2009**.

The undersigned acknowledges an obligation of assignment of this invention to **ITT** at the time the invention was made.

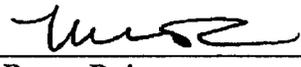
The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as **ITT** may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States and corresponding foreign patents to **ITT**.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to **ITT**, as assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of **DAVIDSON BERQUIST JACKSON & GOWDEY, LLP** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that **ITT's** attorneys **Davidson Berquist Jackson & Gowdey, LLP** have represented only **ITT** and will continue to represent only **ITT** with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 06/24/09 Inventor:  Witness: 
Bryan Doi