

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDO Communications & Countermeasures Systems, Inc.	10/14/2011
RECEIVING PARTY DATA	
Name:	ITT Manufacturing Enterprises, LLC
Street Address:	1105 N. Market St.
Internal Address:	Suite 1300
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19801
PROPERTY NUMBERS Total: 15	
Property Type	Number
Patent Number:	5355103
Patent Number:	5117505
Patent Number:	5148117
Patent Number:	6075498
Patent Number:	5606734
Patent Number:	5392009
Patent Number:	5548838
Patent Number:	5584065
Patent Number:	5574978
Patent Number:	5630223
Patent Number:	5729829
Patent Number:	7015753
Patent Number:	6114983
Application Number:	12803455

501692660

PATENT  
REEL: 027069 FRAME: 0804

OP \$600.00 5355103

Patent Number:

RE37877

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:

334-0

NAME OF SUBMITTER:

Gerald T. Bodner

Total Attachments: 3

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For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application;  
☒ U.S. Provisional Application;  
☒ U.S. Patent; or  
☒ PCT Application  
By: ☐ Inventors or ☒ Present Owners

## ASSIGNMENT OF INVENTION

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

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

EDO Communications & Countermeasures Systems, Inc.

Name

3500 Willow Lane, Thousand Oaks CA 91361

Address

USA

Nationality

hereby sells, assigns and transfers to

ASSIGNEE:

ITT Manufacturing Enterprises, LLC

(Type or print name of ASSIGNEE)

1105 N. Market St., Suite 1300 Wilmington DE 19801

Address

USA

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE,

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the inventions entitled:

Title	Country	Serial No.	Patent No.
Fast Setting, Wide Dynamic Range Vector Interference Cancellation System Having Noise Reduction Features and Method	US	07/546581	5355103
Adaptive Feed-Forward Method and Apparatus for Amplifier Noise Reduction	US	07/483543	5117505
Adaptive Feed-Forward Method and Apparatus for Amplifier Noise Reduction	CA	2083589	2083586
Surface Wave Directional Detection System and Method	US	07/797788	5148117
Structure Generated Composite Reference Signal for Interference Suppression in an Adaptive Loop	US	08/001825	6075498
Structure Generated Composite Reference Signal for Interference Suppression in an Adaptive Loop	CA	2115686	2115686
Low Current Vector Modulator	US	08/025036	5606734
Interference Cancellation System Employing a Polar Vector Modulator	US	08/171658	5392009
Interference Cancellation System Employing a Polar Vector Modulator	CA	2150850	2150850
Interference Cancellation System Employing an I/Q Quadrature Rotator	US	08/271511	5548838
Interference Cancellation System Employing an I/Q Quadrature Rotator	CA	2159379	2159379
Interference Cancellation System and Radio System for Multiple Radios on a Small Platform	US	08/332686	5584065
Interference Cancellation System and Radio System for Multiple Radios on a Small Platform	CA	2148508	2148508
Adaptive Method and Apparatus for Eliminating Interference Between Radio Transceivers	US	08/242160	5574978
Adaptive Method and Apparatus for Eliminating Interference Between Radio Transceivers	CA	2164456	2164456
Interference Mitigation Method and Apparatus for Multiple Collocated Transceivers	US	08/351586	5630223
Interference Mitigation Method and Apparatus for Multiple Collocated Transceivers	CA	2197693	2197693
Digital Signal Processing Based Implementation of a Feed Forward Amplifier	US	08/609042	5729829
Electronic Counter Measures in Radar	US	10/859392	7015753
Electronic Counter Measures in Radar	US	05/833590	6114983
Adaptive Cancellation of Multipath Interference	US	09/894925	37877
	US	12/803455	

and, in and to, all Letters Patent to be obtained for said inventions by the above applications or any continuation, division, renewal, or substitute thereof, and as to Letters Patent, any re-issue or re-examination thereof, together with any and all rights of recovery for past, present, or future infringement of such Letters Patent.

ASSIGNOR hereby covenants 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 2 of 3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR 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 applications, said inventions and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal on the day and year set forth below.


EDO Communications and Countermeasures, Inc.

Date: X 10/14/11  
Date of signing

X   
Name: JOSEPH G. DANIEL  
Title: EDO TREASURER

ITT Manufacturing Enterprises, LLC

Date: X 10/15/2011  
Date of signing

X   
Name: Wolfgang Esser  
Title: Vice President & Patent Counsel