

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles E. Jagger</td> <td>04/08/1999</td> </tr> <tr> <td>Mark N. Willetts</td> <td>03/22/1999</td> </tr> <tr> <td>Micolino Tobia</td> <td>03/22/1999</td> </tr> </tbody> </table>		Name	Execution Date	Charles E. Jagger	04/08/1999	Mark N. Willetts	03/22/1999	Micolino Tobia	03/22/1999												
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RECEIVING PARTY DATA																					
<table border="1"> <tr> <td>Name:</td> <td>ISCO International, LLC</td> </tr> <tr> <td>Street Address:</td> <td>1450 Arthur Avenue, Suite A</td> </tr> <tr> <td>City:</td> <td>Elk Grove Village</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60007</td> </tr> </table>		Name:	ISCO International, LLC	Street Address:	1450 Arthur Avenue, Suite A	City:	Elk Grove Village	State/Country:	ILLINOIS	Postal Code:	60007										
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PROPERTY NUMBERS Total: 9																					
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Application Number:	13548389																				
Application Number:	13551442																				
Application Number:	13551447																				
Application Number:	13551440																				
CORRESPONDENCE DATA																					
Fax Number:	8475100710																				
Email:	DOCKETING@GMGIP.COM																				
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.																					

CH \$360.00 7317698

Correspondent Name: GUNTIN MELES & GUST, PLC  
Address Line 1: 304 INDIAN TRACE #750  
Address Line 4: WESTON, FLORIDA 33326

ATTORNEY DOCKET NUMBER: 4400-0005-\*

NAME OF SUBMITTER: Ed Guntin

**Total Attachments: 14**

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## CONFIRMATORY PATENT ASSIGNMENT

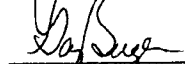
This CONFIRMATORY PATENT ASSIGNMENT (this "Assignment") is effective as of May/9, 2009 ("Effective Date") and is by and between ISCO International, Inc. ("Assignor") and ISCO International, LLC ("Assignee").

Pursuant to a UCC sale of assets in connection with agreements between Assignor and its lenders Alexander Finance, LP and Manchester Securities Corporation, Assignor and Assignee wish to memorialize the assignment of the assets identified below to Assignee.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over to Assignee, the entire right, title and interest in and to the patents and patent applications listed on the attached Schedule A, all U.S. applications claiming priority thereto, including provisionals, continuations, continuations-in-part and divisionals, and all patents issuing therefrom, including any reexaminations and reissues as well as term extensions of and supplementary protection certificates on any of the foregoing for the United States (collectively, the "Patents"), for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made. This Assignment includes all rights of Assignor to sue for and retain past, present, and future damages and seek other remedies for past or future infringement of the Patents that Assignor may have been able to assert against other parties regarding the foregoing before or after the Effective Date.

The parties execute this Assignment in one or more counterparts, each of which shall be deemed an original but all of which taken together constitute one and the same instrument.

ISCO International, Inc.



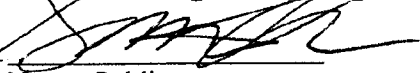
Name: Gary Berger

Title: CFO

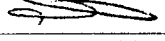
Date: 5/19/09

STATE OF ILLINOIS     )  
                                      ) SS.  
COUNTY OF COOK     )

On this 19<sup>th</sup> day of May 2009, there appeared before me Gary Berger known to me, who stated he/she signed this Assignment as a voluntary act and deed.

  
Notary Public

ISCO International, LLC  
a Delaware limited liability company  
By: ALEXANDER FINANCE, LP  
Its Manager  
By: Bun Partners, Inc.  
Its General Partner

By:   
Bradford T. Whitmore  
President

Date: 5/19/09

STATE OF ILLINOIS     )  
                                      ) SS.  
COUNTY OF COOK     )

On this 19<sup>th</sup> day of May 2009, there appeared before me Bradford T. Whitmore known to me, who stated he/she signed this Assignment as a voluntary act and deed.

  
Notary Public



**Schedule A  
Patents**

<b>Country</b>	<b>Title</b>	<b>Appl No</b>	<b>Filed</b>	<b>Patent No</b>
UNITED STATES	ELECTROMAGNETIC RESONATOR COMPRISED OF ANNULAR RESONANT BODIES DISPOSED BETWEEN CONFINEMENT PLATES	08/348636	12/2/1994	5629266
UNITED STATES	DIVERSITY RECEPTION SIGNAL PROCESSING SYSTEM	08/585151	1/11/1996	5828944
UNITED STATES	DUAL OPERATION MODE ALL TEMPERATURE FILTER USING SUPERCONDUCTING RESONATORS	09/158631	9/22/1998	6314309
UNITED STATES	DUAL-DUPLEXED, TOWER-TOP FRONT-END FOR A RADIO TRANSCEIVER SYSTEM	09/810291	3/16/2001	6959206
UNITED STATES	DUPLEXED FRONT-END FOR A RADIO TRANSCEIVER SYSTEM	09/810634	3/16/2001	6501353
UNITED STATES	DUAL OPERATION MODE ALL TEMPERATURE FILTER USING SUPERCONDUCTING RESONATORS	09/874725	6/5/2001	6731960
UNITED STATES	METHOD AND A DEVICE FOR MAINTAINING THE PERFORMANCE QUALITY OF A CODE- DIVISION MULTIPLE ACCESS SYSTEM IN THE	09/301477	4/28/1999	6807405
UNITED STATES	INTERFERENCE DETECTION, IDENTIFICATION, EXTRACTION AND REPORTING	09/827641	4/6/2001	7317698
UNITED STATES	INTERFERENCE DETECTION, IDENTIFICATION, EXTRACTION AND REPORTING	10/093904	3/8/2002	6704378
UNITED STATES	INTERFERENCE DETECTION, IDENTIFICATION, EXTRACTION AND REPORTING	11/971017	1/8/2008	
UNITED STATES	MULTIPLE CARRIER ADAPTIVE NOTCH FILTER	10/151648	5/17/2002	6718166
UNITED STATES	METHOD AND APPARATUS FOR DETECTING INTERFERENCE USING CORRELATION	11/217717	9/1/2005	7525942
UNITED STATES	SELF-ADAPTIVE DIGITAL RF BANDPASS AND BANDSTOP FILTER ARCHITECTURE	12/268996	11/11/2008	

**PATENT ASSIGNMENT**

This patent assignment is made as of the 26<sup>th</sup> day of September, 2001, by Illinois Superconductor Canada Corporation (hereinafter "ISC"), a corporation organized under the laws of Canada, having a place of business at 25 Sheppard Ave., W. Suite 1200, North York, Ontario, Canada M2N 6S6 in favor of ISCO International, Inc. (hereinafter "ISCO International"), a Delaware corporation, having a place of business at 451 Kingston Ct., Mt. Prospect, IL 60056, U.S.A.

**WHEREAS**, ISC wishes to sell, assign and transfer to ISCO International all of ISC's right, title and interest in and to the patents and patent applications listed in Schedules A and B, attached hereto; and

**WHEREAS**, ISC desires to acquire all right, title and interest in and to each of the patents and patent applications listed in Schedules A and B.

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ISC hereby sells, assigns and transfers to ISCO International, its successors, assigns and legal representatives all rights, title, and interest in and to the patents and patent applications, both domestic and foreign, listed in Schedules A and B, including without limitation (i) all inventions and improvements disclosed therein, (ii) all letters patents granted therefor, (iii) all patent applications or subsequent patent applications thereof, (iv) all patents which may be granted therefor, (v) continuations, divisions, continuations in part, substitutions, reissues and extensions thereof, and (vi) all rights to enforce and collect for past claims of infringement of the rights in and to the patents and patent applications listed in Schedules A and B throughout the world free and clear of any restrictions or encumbrances of any nature whatsoever.

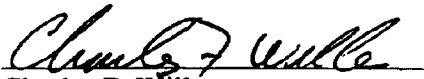
ISC hereby authorizes and requests the United States Commissioner of Patents and Trademarks and the empowered officials of all other governments to transfer to ISCO International all of ISC's right, title and interest in and to the patents and patent applications listed in Schedules A and B, and to issue any letters patent and reissue patents to ISCO International as assignee of ISC's entire right, title and interest therein or otherwise as ISCO International may direct.

**IN WITNESS WHEREOF**, this Assignment has been duly executed as of the date first above written.

**PATENT**  
**REEL: 012234 FRAME: 0200**

**PATENT**  
**REEL: 028814 FRAME: 0740**


Illinois Superconductor Canada Corporation

By:   
Charles F. Willes  
Vice President

**ACKNOWLEDGMENT**

ISCO International, Inc. hereby acknowledges receipt of this assignment, for good and valuable consideration, of the patents and patent applications listed in Schedules A and B.

ISCO International, Inc.

By:   
Charles Willes  
Executive Vice President and  
Chief Financial Officer

**PATENT**

**REEL: 012234 FRAME: 0201**

**PATENT**

**REEL: 028814 FRAME: 0741**

STATE OF ILLINOIS                    )  
  ) ss:  
COUNTY OF COOK                    )

On this 26<sup>th</sup> day of September, 2001, there appeared before me Charles F. Willes, personally known to me or who proved to me his identity, who stated that he is Vice President of Illinois Superconductor Canada Corporation; who acknowledged that he signed the foregoing instrument as his voluntary act and deed on behalf and with full authority of Illinois Superconductor Canada Corporation.

My Commission Expires: 12/4/04

  
NOTARY PUBLIC



STATE OF ILLINOIS                    )  
  ) ss:  
COUNTY OF COOK                    )

On this 26<sup>th</sup> day of September, 2001, there appeared before me Charles F. Willes, personally known to me or who proved to me his identity, who stated that he is Executive Vice President and Chief Financial Officer of ISCO International, Inc.; who acknowledged that he signed the foregoing instrument as his voluntary act and deed on behalf and with full authority of ISCO International, Inc.

My Commission Expires: 12/4/04

  
NOTARY PUBLIC



PATENT  
REEL: 012234 FRAME: 0202

PATENT  
REEL: 028814 FRAME: 0742



Schedule A  
United States Patent Applications

Application Serial Number

Title

60/195,387

Interference Detection, Identification,  
Processing, Removal, and Reporting in  
Broadband Communication System

09/301,477

A Method and a Device for Maintaining the  
Performance Quality of a Code-Division  
Multiple Access System in the Presence of  
Narrowband Interference

PATENT  
REEL: 012234 FRAME: 0203

PATENT  
REEL: 028814 FRAME: 0743

Schedule B  
Foreign Patents and Applications

<u>Country</u>	<u>Application Number</u>	<u>Title</u>
Canada	2,260,653	A Method and a Device for Maintaining the Performance Quality of a Code-Division Multiple Access System in the Presence of Narrowband Interference
PCT	CA00/00100	Same
Japan	2000-597902	Same
Korea	10-2001-7009778	Same
EPO	00902521.4	Same
China	Chinese Application Number Not Yet Assigned (PCT # CA00/00100)	Same
Australia	Australian Application Number Not Yet Assigned (PCT # CA00/00100)	Same
Singapore	200104711-7	Same
Canada	2,342,402	Same

RECORDED: 10/05/2001

PATENT  
REEL: 012234 FRAME: 0204

PATENT  
REEL: 028814 FRAME: 0744

**EXECUTION COPY****PATENT ASSIGNMENT AGREEMENT**

This Assignment Agreement ("Agreement") is made and entered into as of the 20<sup>th</sup> day of December, 2000.

BY AND BETWEEN

LOCKHEED MARTIN CANADA INC. a company incorporated under the laws of Canada having its office at 3001 Solandt Road, in the City of Kanata, in the Province of Ontario (hereinafter referred to as the "Assignor"); and

AND

ILLINOIS SUPERCONDUCTOR CANADA CORPORATION, a company incorporated under the laws of Canada, having its office in the City of Toronto, in the Province of Ontario (hereinafter referred to as the "Assignee")

(Collectively referred to as the "Parties").

Whereas Assignor is owner of all right, title and interest to (1) International Application No. PCT/CA 00/00100 filed on February 2, 2000; (2) U.S. Patent Application Ser. No. 09/301,477 filed on April 28, 1999; (3) Canadian Patent Application Ser. No. 2,260,653 filed February 2, 1999; and (4) U.S. Provisional Application Ser. No. 60/195,387 filed on April 7, 2000 (collectively referred to as the "Patent Applications").

In consideration of the mutual covenants herein contained and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged by each of them, the Parties hereto agree as follows:

1. The Assignor does hereby assign and transfer to the Assignee absolutely all of its rights, title and interest in, the Patent Applications, and any patents resulting therefrom, and all continuations, continuations-in-part, divisionals, reissues, and reexaminations relating thereto.
2. The Assignee hereby agrees with the Assignor:
  - (i) that it accepts all the terms and conditions of the Patent Applications and that it shall abide by and perform any obligations to be performed by the Assignor under the Patent Applications; and
  - (ii) that it shall indemnify and save harmless the Assignor from any claim, action, damages, loss, cost or expense arising out of or in respect of the Patent Applications or the Assignee's performance or failure to perform such covenants and obligations.
3. This Agreement shall be governed by and construed in accordance with the laws of Ontario and any suit or action hereunder, except as otherwise set forth herein, shall be brought in said jurisdiction. The courts of Ontario shall have non-exclusive jurisdiction in respect of any action for injunctive relief.
4. This Assignment is being delivered pursuant to, and in accordance with that certain Transaction Agreement, dated as of November 1, 2000, by and between the Assignee, the Assignor and Illinois Superconductor Canada Corporation (the "Transaction Agreement"). To the extent there is any inconsistency between this Assignment and the Transaction Agreement, the terms of the Transaction Agreement shall be controlling.

**PATENT**

**REEL: 011643 FRAME: 0650**

**PATENT**

**REEL: 028814 FRAME: 0745**

IN WITNESS WHEREOF the Parties hereto have executed this Agreement by its authorized representative on the dates noted below with effect to the date first set forth above.

Lockheed Martin Canada Inc.

(Name of Assignor)

(Signature)

Name: Felix Montasaro DANIEL SPOK

PRESIDENT & CEO

Title: Vice President Legal Affairs & Contracts

Date: DEC 19, 2000

Illinois Superconductor Canada Corporation

(Name of Assignee)

(Signature)

Name: George Calhoun

Title: CEO

Date: Dec 19, 2000

EXECUTION COPY

ASSIGNMENT AGREEMENT

This Assignment Agreement ("*Agreement*") is made and entered into as of the 20<sup>th</sup> day of December, 2000,

BY AND BETWEEN

LOCKHEED MARTIN CORPORATION, a Maryland corporation having a place of business at Bethesda, Maryland 20817 (hereinafter referred to as the "*Assignor*"); and

AND

LOCKHEED MARTIN CANADA INC., a company incorporated under the laws of Canada having its office at 3001 Solandt Road, in the City of Kanata, in the Province of Ontario (hereinafter referred to as the "*Assignee*")

(Collectively referred to as the "*Parties*").

Whereas Assignor is owner of all right, title and interest to (1) International Application No. PCT/CA 00/00100 filed on February 2, 2000; (2) U.S. Patent Application Ser. No. 09/301,477 filed on April 28, 1999; (3) Canadian Patent Application Ser. No. 2,260,653 filed February 2, 1999; and (4) U.S. Provisional Application Ser. No. 60/195,387 filed on April 7, 2000 (collectively referred to as the Patent Applications).

In consideration of the mutual covenants herein contained and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged by each of them, the Parties hereto agree as follows:

1. The Assignor does hereby assign and transfer to Assignee absolutely all of its rights, title and interest in the Patent Applications, and any patents issuing therefrom, and all continuations, continuations-in-part, divisionals, reissues, and reexaminations relating thereto. Assignor represents and warrants to Assignee that Assignor has full power and authority to and has obtained any necessary consent to assign the Patent Applications to Assignee as provided herein. Assignor agrees with Assignee that Assignor shall indemnify and hold harmless the Assignee from any claim, action, damage, loss, cost or expense arising out of or in respect of Assignor's claim of right, title and ownership in and to the Patent Applications.
2. This Agreement shall be governed by and construed in accordance with the laws of Ontario and any suit or action hereunder, except as otherwise set forth herein, shall be brought in said jurisdiction. The courts of Ontario shall have non-exclusive jurisdiction in respect of any action for injunctive relief.

PATENT

REEL: 012433 FRAME: 0965

PATENT

REEL: 028814 FRAME: 0747

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement by its authorized representative on the dates noted below with effect to the date first set forth above.

Lockheed Martin Corporation  
(Name of Assignor)

Lockheed Martin Canada Inc.  
(Name of Assignee)

  
(Signature)

\_\_\_\_\_  
(Signature)

Name: PATRICK M. HOGAN

Name: Felix Montanaro

Title: V.P. & ASSOCIATE GENERAL COUNSEL

Title: Vice President Legal Affairs and  
Contracts

Date: 17 NOVEMBER 2000

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

PATENT  
REEL: 012433 FRAME: 0966

PATENT  
REEL: 028814 FRAME: 0748

Apr-23-01 05:42pm From-

T-876 P.04/04 F-800

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement by its authorized representative on the dates noted below with effect to the date first set forth above.

Lockheed Martin Corporation  
(Name of Assignor)

Lockheed Martin Canada Inc.  
(Name of Assignee)

(Signature)

(Signature)

Name: \_\_\_\_\_

Name: Felix Montanaro

Title: \_\_\_\_\_

Title: Vice President Legal Affairs and  
Contracts

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

Date: 12/11/2000

RECORDED: 01/04/2002

PATENT  
REEL: 012433 FRAME: 0967

PATENT  
REEL: 028814 FRAME: 0749

# ASSIGNMENT

Whereas, we

Inventor and City	(1) Charles E. Jagger Province of Ontario	City of Toronto and Country of Canada
Inventor and City	(2) Mark N. Willetts Province of Ontario	City of Etobicoke and Country of Canada
Inventor and City	(3) Micolino Tobia Province of Ontario	City of Woodbridge and Country of Canada

have invented certain improvements in

Title **A METHOD AND A DEVICE FOR MAINTAINING THE PERFORMANCE QUALITY OF A CODE-DIVISION MULTIPLE ACCESS SYSTEM IN THE PRESENCE OF NARROW BAND INTERFERENCE**

Dates That  
Inventor  
Signed the  
Declaration and have executed, respectively, a United States patent application therefor on

(1)	<i>April 7</i>	1999.
(2)	<i>March 22</i>	1999.
(3)	<i>March 19</i>	1999.

Whereas, LOCKHEED MARTIN CORPORATION, a corporation of Maryland, having a place of business at Bethesda, Maryland 20817, desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I the above named hereby sell, assign, and transfer to Lockheed Martin Corporation, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to Lockheed Martin Corporation, its successors and assigns; and we hereby agree that Lockheed Martin Corporation may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Lockheed Martin Corporation.

City	(1) Signed at	<i>Charles E. Jagger</i>	signature
Date	on <i>April 8</i> 19 <i>99</i>	(Charles E. Jagger) First Name Middle Initial Last Name	Inventor
City	(2) Signed at <i>Toronto</i>	<i>Mark N. Willetts</i>	signature
Date	on <i>March 22</i> 19 <i>99</i>	(Mark N. Willetts) First Name Middle Initial Last Name	inventor
City	(3) Signed at <i>Toronto</i>	<i>Micolino Tobia</i>	signature
Date	on <i>March 22</i> 19 <i>99</i>	(Micolino Tobia) First Name Middle Initial Last Name	inventor

PAGE 1 OF 1

MAR-22-1999 13:07

7033919035

PATENT

P.02

RECORDED: 04/28/1999

REEL: 9940 FRAME: 0570

RECORDED: 08/20/2012

PATENT  
REEL: 028814 FRAME: 0750