# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3213715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ISCO INTERNATIONAL, INC.	05/19/2009

### **RECEIVING PARTY DATA**

Name:	ISCO INTERNATIONAL, LLC
Street Address:	444 E. STATE PARKWAY
Internal Address:	SUITE 123
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60173

# **PROPERTY NUMBERS Total: 4**

Property Type	Number
Application Number:	14596832
Application Number:	14596847
Application Number:	14573803
Application Number:	14580496

#### **CORRESPONDENCE DATA**

**Fax Number:** (847)510-0710

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 651-698-2652

Email:docketing@ggip.comCorrespondent Name:GUNTIN & GUST, PLCAddress Line 1:304 INDIAN TRACE #750Address Line 4:WESTON, FLORIDA 33326

ATTORNEY DOCKET NUMBER:	4400-5-25/26/27/28 (5/5)
NAME OF SUBMITTER:	ED GUNTIN
SIGNATURE:	/Ed Guntin/
DATE SIGNED:	02/05/2015

**Total Attachments: 3** 

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PATENT REEL: 034896 FRAME: 0472

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> PATENT REEL: 034896 FRAME: 0473

#### 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 i	International, Inc.	
Name: Title:	Gary Berger	
	5/19/09	
	on the on W. Piolo	,
	STATE OF ILLINOIS	) ) SS
	COUNTY OF COOK	)

On this 19th 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.

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SCOTT D. H. REDMAN OFFICIAL SEAL stary Public, State of Illinois Commission Expires May 03, 2013

> PATENT **REEL: 023107 FRAME: 0808**

> > REEL: 034896 FRAME: 0474

ISCO International, LLC a Delaware limited liability company
By: ALEXANDER FINANCE, LP
Its Manager
By: Bun Partners, Inc.
Its General Partner Bradford T. Whitmore President Date: 5/19/09 STATE OF ILLINOIS ) SS. COUNTY OF COOK

On this 19th 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.

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SCOTT D. H. REDMAN OFFICIAL SEAL Notary Public, State of Illinois My Commission Expires May 03, 2013

**PATENT REEL: 023107 FRAME: 0809** 

**PATENT** 

**REEL: 034896 FRAME: 0475** 

# Schedule A Patents

Country	Title	Appl No	Filed	Patent No
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	

3 PATENT RECORDED: 08/19/2009 REEL: 023107 FRAME: 0810

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RECORDED: 02/05/2015 REEL: 034896 FRAME: 0476