

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HARRIS CORPORATION	07/12/2007
RECEIVING PARTY DATA	
Name:	XD SEMICONDUCTORS, L.L.C.
Street Address:	2711 CENTERVILLE ROAD
Internal Address:	SUITE 400
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	5317690
CORRESPONDENCE DATA	
Fax Number:	(202)371-2540
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202.371.2600
Email:	mspecht@skgf.com
Correspondent Name:	Sterne, Kessler, Goldstein & Fox P.L.L.C
Address Line 1:	1100 New York Avenue, N.W.
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005
ATTORNEY DOCKET NUMBER:	4444.1010000
NAME OF SUBMITTER:	Michael D. Specht

Total Attachments: 10
 source=4444.450STR0 Worldwide Assignment#page1.tif
 source=4444.450STR0 Worldwide Assignment#page2.tif
 source=4444.450STR0 Worldwide Assignment#page3.tif

500847733

**PATENT
 REEL: 022610 FRAME: 0478**

OP \$40.00 5317690

source=4444.450STR0 Worldwide Assignment#page4.tif
source=4444.450STR0 Worldwide Assignment#page5.tif
source=4444.450STR0 Worldwide Assignment#page6.tif
source=4444.450STR0 Worldwide Assignment#page7.tif
source=4444.450STR0 Worldwide Assignment#page8.tif
source=4444.450STR0 Worldwide Assignment#page9.tif
source=4444.450STR0 Worldwide Assignment#page10.tif

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, **Harris Corporation**, a Delaware corporation having offices at 1025 W. Nasa Boulevard, Melbourne, FL 32919, ("**Assignor**"), does hereby sell, assign, transfer and convey unto **XD Semiconductors, L.L.C.**, a Delaware limited liability company, having an office at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("**Assignee**"), or its designees, all right, title and interest that exist today and may exist in the future in and to all of the following (the "**Patent Rights**"): (a) the provisional patent applications, patent applications and patents listed below, (b) all patents or patent applications to which any of the foregoing claim priority, and (c) current or future rights to (i) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; and (ii) foreign counterparts to any of the foregoing, including, without limitation, certificates of invention; (d) patent rights in inventions and discoveries to the extent such inventions and discoveries are described in any of the foregoing and to the extent such patent rights claim priority from the foregoing categories (a), (b) and/or (c), provided that Seller shall not be obligated to provide any know-how or trade secrets to the extent such know how or trade secrets are not memorialized in any of the patents or patent applications that make up the Patents; (e) rights to apply in any or all countries of the world for patents or certificates of invention related to the any of the foregoing categories (a), (b), (c) and (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding; (e) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights, including, without limitation, all rights under the provisional patent applications, patent applications and patents listed below and/or under or on account of any of the foregoing categories (b), (c) and/or (d) to

- (i) damages,
- (ii) injunctive relief and
- (iii) other remedies of any kind

for past, current and future infringement; and

(g) all rights to collect royalties and other payments under or on account of any of the foregoing.

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
07/510,736	US	4/18/90	Heat removing edge guide system and related method; Chakrabarti
5220485	US	7/12/91	Heat removing edge guide system and related method; Chakrabarti
5221399	US	3/5/91	Joining of printed wiring board to aluminum stiffener using adhesive film, electrically insulative mesh structure that cures at room temperature; Sanborn; Sadlon, Callahan, Alewine, Rief, Jandzio
5237519	US	11/13/90	Semi-automated inspection and documentation system; Felton
5309125	US	9/23/92	Compact delay line formed of concentrically stacked, helically grooved, cylindrical channel-line structure; Perkins, Heckaman
5317690	US	1/14/92	Special sensor applied meteorological image process; Krzycki, Luster, Stone
5319315	US	11/18/92	Class-C RF power amplifier having digitally driven shunt circuit for removing accumulated excess base charge; Belcher
5384555	US	1/26/93	Combined RF and digital/DC signaling interconnect laminate; Wilson, Whybrew
5394113	US	8/28/92	High impedance low-distortion linear amplifier; Belcher

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
5425052	US	8/14/92	High impedance directional signal separator for extracting and separating respective signaling components of a wireline full-duplex digital data link; Webster, Roberts, Baldwin
5442548	US	1/14/92	Modular distortion correcting real time SSM/I Imagery decommutator and process for producing special sensor applied meteorological images; Brooks, Jensen, Krzycki, Mapson, Nye, Stone, Luster
07/969,788 (abandoned)	US	10/29/92	Blind signal separation and equalization of full-duplex amplitude modulated signals on a signal transmission line; Webster, Roberts, Baldwin
5500879	US	3/16/94	Blind signal separation and equalization of full-duplex amplitude modulated signals on a signal transmission line; Webster, Roberts, Baldwin
5506693	US	9/30/92	Addressing mechanism for interfacing spatially defined imagery data with sequential memory; Koshak
5514982	US	8/18/94	Low noise logic family; Hall, Dooley, Hernandez
5600273	US	2/4/97	Constant delay logic circuits and methods; Hall, Dooley, Hernandez
5774502	US	11/19/96	Fully integrated data receiver and method for receiving on/off keyed AM/PDSK modulated signals; Belcher, Darby, Nadler

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
5812558	US	1/17/96	Device and method for generating multiplexed signals with real time inputs for testing voice grade channels in a demultiplexer; Rotz, Kimsey
5825621	US	8/22/97	Closed loop cooling housing for printed circuit card-mounted, sealed heat exchanger; Giannatto, Cornish
5835062	US	11/1/96	Flat panel-configured electronically steerable phased array antenna having spatially distributed array of fanned dipole sub-arrays controlled by triode-configured field emission control devices; Heckaman; Kanaly
5835349	US	11/10/98	Printed circuit board mounted sealed heat exchanger; Giannatto, Cornish, Straub
5867122	US	10/23/96	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson
721402	AU	10/23/97	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson
PL 9705319-8A (abandoned)	BR	10/23/97	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
2218778	CA	10/21/97	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson
197 46 427 (abandoned)	DE	10/21/97	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson
9713206 (abandoned)	FR	10/22/97	Application of GPS to a railroad navigation system using two satellites and a stored database; Zahm, Matheson
60/038,889 (expired)	US	02/21/97	Method and system for proximity protection; Malabar
60/034,210 (expired)	US	03/03/97	Location determination system; Zahm
PCT/US1998/003252 (expired)	WO	02/20/98	Method and sytem for proximity detection and location determination; Peek, Easterling, Guarino, Rinehart, Gross, Gottfried, Zahm
5907304	US	1/9/97	Lightweight antenna subpanel having RF amplifier modules embedded in honeycomb support structure between radiation and signal distribution networks; Wilson, Nichols, Rief, Holaday, Whybrew, Beck, Pigon, Hillman, Granholm

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
5933121	US	4/7/98	Antenna array for sensing signals or conductors; Rainhart, Davis, Newton, Blumstein
5940045	US	12/30/96	Optimization of DC power to effective irradiated power conversion efficiency for helical antenna; Belcher, Killen
5948044	US	5/20/96	Hybrid GPS/ inertially aided platform stabilization system; Varley, Maney
5982619	US	8/22/97	Housing for diverse colling configuration printed circuit cards; Giannatto, Cornish
6026565	US	10/21/98	Housing for diverse cooling configuration printed circuit cards; Giannatto, Cornish
6043722	US	4/9/98	Microstrip phase shifter including a power divider and a coupled line filter; Vaninetti, Marquardt, Gregorean
6275120	US	2/17/00	Three bit microstrip phase shifter having U-shaped phase shift filters; Vaninetti, Marquardt, Gregorean
202618 (abandoned)	TW	4/23/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean
PCT/US2001/004157 (expired)	WO	2/8/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
200135/06	AU	2/8/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean
0036800/01 (expired)	AU	2/8/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean
2400420	CA	2/8/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean
01909002.6 (abandoned)	EP	2/8/01	Microstrip phase shifter having phase shift filter device; Vaninetti, Marquardt, Gregorean
6115005	US	6/29/98	Gain-optimized lightweight helical antenna arrangement; Goldstein, Gyorko, Killen
6122595	US	6/17/99	Hybrid GPS/inertially aided platform stabilization system; Varley, Maney
6144953	US	5/20/86	Time-constrained inference strategy for real-time expert systems; Sorrells, Dixon
6176004	US	12/29/98	Method of forming a sensor for sensing signals on conductors; Rainhart, Davis, Newton, Blumstein
6184826	US	4/20/99	Extension of dynamic range of emitter and detector circuits of spread spectrum-based antenna test range; Walley, Boritzki, Killen, Zeitfuss
6219004	US	6/11/99	Antenna having hemispherical radiation optimized for peak gain at horizon; Johnson

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
6236362	US	4/20/99	Mitigation of antenna test range impairments caused by presence of undesirable emitters; Walley, Killen, Zeitfuss
6370659	US	4/22/99	Method for automatically isolating hardware module faults; Maney
6377633	US	10/9/98	Apparatus and method for decoding asynchronous data; Schneider
6384780	US	2/5/01	Extension of dynamic range of emitter and detector circuits of spread spectrum-based antenna test range; Walley, Boritzki, Killen, Zeitfuss
6390672	US	1/20/00	Space vehicle with temperature sensitive oscillator and associated method of sensing temperature in space; Vail, Hinshaw
6400549	US	5/8/00	Dual cantilevered electromagnet-based gripping apparatus; Davis, Smith, Green, Trosa
6421004	US	4/6/01	Mitigation of antenna test range impairments caused by presence of undesirable emitters; Walley, Killen, Zeitfuss
6496548	US	7/20/00	Apparatus and method for decoding a synchronous data using derivative calculation; Schneider, Besterman
PCT/US2001/022875 (expired)	WO	7/19/01	Apparatus and method for decoding a synchronous data using derivative calculation; Schneider, Besterman

Exhibit B, revised

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title and Inventor(s)</u>
0076002/01 (expired)	AU	7/19/01	Decoding of asynchronous data signals, using calculation of derivatives; Schneider, Besterman
01953567 (abandoned)	EP	7/19/01	Decoding of asynchronous data signals, using calculation of derivatives; Schneider, Besterman
06/766,020	US	8/15/85	No information available

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants that may be granted upon any of the Patents Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor shall, at the reasonable request of Assignee and without demanding any further consideration therefor, do all things necessary, proper, or advisable, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance shall include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights.

The terms and conditions of this Assignment of Patent Rights shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at _____
_____ on _____

ASSIGNOR

By: [Signature]

Name: R. Kent Buchanan

Title: VP, Corporate Technology and Development

(Signature MUST be notarized)

STATE OF Florida)
COUNTY OF Brevard) ss.

On July 12, 2007, before me, Vicki L. Calicchia,
Notary Public in and for said State, personally appeared R. Kent Buchanan,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the
person whose name is subscribed to the within instrument and acknowledged to me that
he/she executed the same in his/her authorized capacity, and that by his/her signature on the
instrument the person, or the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal.

Signature [Signature] (Seal)



Vicki L. Calicchia
My Commission DD283331
Expires February 24, 2008