

703-306-5995

FORM PTO-1595 (MODIFIED)
(Rev. 6-93)
CMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER
SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Granite Ventures, LLC One Bush Street San Francisco, California 94104	2. Name and address of receiving party(ies): Name: XtremeSpectrum, Inc. Internal Address: Address: 8133 Leesburg Pike Suite 700 City: Vienna State: VA Zip: 22182
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other Termination of Security Agreement: Reel 013447 Frame 0515	
Execution Date: November 10, 2003	

4. Application number(s) or patent number(s): this document is being filed together with a new application, the execution date of the application is :	
A. Patent Application No. (s) SEE ATTACHED LIST	B. Patent No.(s) SEE ATTACHED LIST
Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael J. Bevilacqua, Esquire Internal Address: Hale and Dorr LLP Street Address: 60 State Street City: Boston State: MA Zip: 02109	6. Total number of applications and patents involved: 23 7. Total Fee (37 CFR 3.41)..... \$920.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge fees to Deposit Account Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account 8. Deposit account number: 08-0219 (Attach duplicate copy of this page if paying by deposit account.)

DO NOT USE THIS SPACE

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

Michael J. Bevilacqua, Esquire

Name of Person Signing

Signature

November 19, 2003

Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

286.689.120

Please send Notice to Michael Bevilacqua
via facsimile to 617-526-5008
PATENT
REEL: 014137 FRAME: 0516

CH \$920.00 080219 10014668

EXHIBIT B – Patents (Published)

U.S. Patent No. 6,351,246

U.S. Patent No. 6,505,032

XSI.002C	10/014,668	Planar Ultra Wide Band Antenna with Integrated Electronics	14-Dec-01
XSI.004	09/685,200	Leakage Nulling Receiver Correlator Structure and Method for Ultra Wide Bandwidth Communication System	10-Oct-00
XSI.007	09/972,966	Ultra Wide Bandwidth Noise Cancellation Mechanism and Method	10-Oct-01
XSI.008	09/684,400	Ultra Wideband Communication System, Method, and Device with Low Noise Pulse Formation	10-Oct-00
XSI.009	09/684,782	Ultra Wideband Communication System, Method, and Device with Low Noise Reception	10-Oct-00
XSI.010	09/685,195	Ultrawide Bandwidth System and Method for Fast Synchronization	10-Oct-00
XSI.011	09/685,196	Ultrawide Bandwidth System and Method for Fast Synchronization Using Multiple Detection Arms	10-Oct-00
XSI.012	09/685,197	Mode Controller for Signal Acquisition and Tracking in an Ultra Wideband Communication System	10-Oct-00
XSI.013	09/685,198	Analog Signal Separator for UWB Versus Narrowband Signals	10-Oct-00
XSI.014	09/685,199	A Low Power, High Resolution Timing Generator for Ultra-Wide Bandwidth Communications Systems	10-Oct-00
XSI.015	09/685,201	Carrierless Ultra Wideband Wireless Signals for Conveying Application Data	10-Oct-00
XSI.016	09/685,202	Method and System for Enabling Device Functions Based on Distance Information	10-Oct-00
XSI.017	09/685,203	System and Method for Baseband Removal of Narrowband Interference in Ultra Wideband Signals	10-Oct-00
XSI.018	09/685,205	System and Method for Generating Ultra Wideband Pulses	10-Oct-00
XSI.019	09/684,401	Ultrawide Bandwidth System and Method for Fast Synchronization Using Sub-code Spins	10-Oct-00
XSI.020	10/067,423	MAC Improvements to Wireless Personal Area Networks	7-Feb-02
XSI.003PCT	PCT/US01/21125	Electrically Small Planar UWB Antenna Apparatus and System Thereof	31-Jul-01
XSI.012PCT	PCT/US01/27747	Mode Controller for Signal Acquisition and Tracking in an Ultra Wideband Communication System	2-Oct-01
XSI.013PCT	PCT/US01/27746	Analog Signal Separator for UWB Versus Narrowband Signals	2-Oct-01
XSI.018PCT	PCT/US01/27750	System and Method for Generating Ultra Wideband Pulses	2-Oct-01
XSI.020PCT	PCT/US02/03364	MAC Improvements to Wireless Personal Area Networks	7-Feb-02

INTELLECTUAL PROPERTY SECURITY AGREEMENT TERMINATION

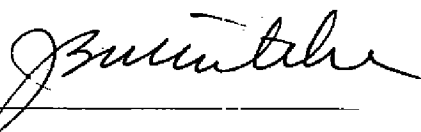
WHEREAS, XtremeSpectrum, Inc., a Delaware corporation, whose address is 8133 Leesburg Pike, Suite 700, Vienna, Virginia 22182 (the "Company"), and Granite Ventures, LLC, a Delaware limited liability company, whose address is One Bush Street, San Francisco, California 94104, individually and in its capacity as agent for the other lenders ("Agent"), entered into a certain Intellectual Property Security Agreement (the "Agreement"), dated as of February 28, 2003, which was recorded in the United States Patent and Trademark Office on February 28, 2003 at Reel 013447 and Frame 0515 for published patents, recorded on February 28, 2003 at Reel 013452 and Frame 0732 for unpublished patents and recorded on February 28, 2003 at Reel 002611 and Frame 0871 for trademarks, that by its terms granted Agent a security interest in certain intellectual property listed in Exhibit B (the "Patents"), Exhibit C (the "Trademarks") and all trademark applications, trademark registrations, pending patents and patents acquired or arising after the date of the Agreement; and

WHEREAS, the Company has or has caused to be paid and satisfied in full the obligations for which the security interest in the Intellectual Property was granted.

NOW THEREFORE the parties hereto agree that Agent hereby reassigns to the Company the interest in the Patents and Trademarks in which Agent was granted a security interest under the Intellectual Property Security Agreement. The Agent also hereby releases its security interest in the Patents and Trademarks. The Agent, further agrees, for itself, its successors and assigns, to execute such further documents and to perform such further lawful acts as may reasonably be requested by the Company, to effectuate this termination.

IN WITNESS WHEREOF the parties hereto by the signature below of its duly authorized representatives agree to be bound by the provisions of this Intellectual Property Termination Agreement as of the date of execution, this 10 day of November, 2003.

GRANITE VENTURES, LLC



Name: Jackie Berterretche
Title: Attorney-in-Fact

County of _____)
State of _____)

Then personally appeared the above named _____ and acknowledged the foregoing act to be his/her free act and deed, before me, this _____ day of _____, 2003.

Notary Public

My commission expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Francisco

} ss.

On 11/10/03

Date

before me, Shannon Brady

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared

Jacqueline Berkeretchie

Name(s) of Signer(s)

☒ personally known to me☐ proved to me on the basis of satisfactory evidence

to be the person~~s~~ whose name~~s~~ is are subscribed to the within instrument and acknowledged to me that he~~she~~ they executed the same in his~~her~~ their authorized capacity~~ies~~, and that by his~~her~~ their signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.



WITNESS my hand and official seal.

Shannon E. Brady
 Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached DocumentTitle or Type of Document: Intellectual Property Security Agreement TerminationDocument Date: _____ Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

☐ Individual☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Attorney in Fact☐ Trustee☐ Guardian or Conservator☐ Other: _____

Signer Is Representing: _____

**RIGHT THUMBPRINT
OF SIGNER**

Top of thumb here

EXHIBIT B – Patents (Published)
XTREME SPECTRUM, INC. PUBLISHED IP

The following is a list of all of XtremeSpectrum's published patent intellectual property. The list is divided by type of patent intellectual property, as follows:

Issued Patents: These are applications that have currently issued as U.S. patents.

Allowed Patent Applications: These are applications that have been allowed by the U.S. Patent Office, but have not yet issued as patents.

Pending Utility Patent Applications: These are patent applications that are currently pending in the U.S. Patent Office and have been placed before patent examiners for consideration on their merits.

Pending PCT Applications: These are international patent applications filed under the provisions of the Patent Cooperation Treaty. They allow us to defer foreign filing in all countries that are signatories of the treaty.

Issued Patents

U.S. Patent No. 6,351,246

U.S. Patent No. 6,505,032

Allowed Patent Applications

Case No.	Serial No.	Title	Filing Date
XSL002C	10/014,668	Planar Ultra Wide Band Antenna with Integrated Electronics	14-Dec-01

Pending Utility Patent Applications

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XSI.007	09/972,966	Ultra Wide Bandwidth Noise Cancellation Mechanism and Method	10-Oct-01
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