

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
PINNACLE VENTURES, L.L.C.	05/30/2013
RECEIVING PARTY DATA	
Name:	MASCOMA CORPORATION
Street Address:	610 Lincoln Street
Internal Address:	Suite 100
City:	Waltham
State/Country:	MASSACHUSETTS
Postal Code:	02451
PROPERTY NUMBERS Total: 9	
Property Type	Number
Application Number:	12181640
Application Number:	12181666
Application Number:	13764956
Application Number:	12181596
Application Number:	12181724
Application Number:	13445392
Application Number:	12181565
Application Number:	12361149
Application Number:	12361103
CORRESPONDENCE DATA	
Fax Number:	6175231231
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Robert M. Crawford

OP \$360.00 12181640

Address Line 1: 53 State Street
Address Line 2: Goodwin Procter LLP
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ATTORNEY DOCKET NUMBER: 122957/174040

NAME OF SUBMITTER: Robert M. Crawford

Signature: /Robert M. Crawford/

Date: 06/13/2013

Total Attachments: 5
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CONSENT AND RELEASE

This Consent and Release (this "Agreement") is entered into as of May 30, 2013, by and between Pinnacle Ventures, L.L.C. ("Lender") and Mascoma Corporation ("Borrower").

RECITALS

A. Lender and Borrower entered into an Amended and Restated Loan and Security Agreement dated as of June 1, 2011 (as amended, modified, supplemented or restated, the "Loan Agreement").

B. Under the Loan Agreement Borrower granted Lender a security interest in certain Collateral (as defined in the Loan Agreement).

C. The patent applications listed on Exhibit A hereto are part of the Collateral (the "Patent Applications").

D. Borrower desires to transfer the Patent Applications to a third party (the "Patent Application Transfer") and Lender desires to consent to such transfer and release its security interest on the Patent Applications, all in accordance with the terms and subject to the conditions set forth below.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, and intending to be legally bound, the parties hereto agree as follows:

1. Definitions. Capitalized terms used but not defined in this Agreement shall have the meanings given to them in the Loan Agreement.

2. Consent; Release of Security Interest. Pursuant to Section 10.01 of the Loan Agreement, Lender hereby consents to the Patent Application Transfer. Lender hereby releases its security interest with respect to the Patent Applications and authorizes and directs Borrower (or an agent thereof) to file an amendment to the applicable UCC financing statement evidencing such release and to make any other applicable filings to document such release, including filings with the United States Patent and Trademark Office and foreign equivalents, if applicable.

3. Condition. This Agreement shall be deemed to be effective upon the execution and delivery of this Agreement by Lender and Borrower.

4. No Modification. Except as expressly set forth herein, nothing contained herein shall be deemed to constitute a waiver of compliance with any term or condition contained in the Loan Agreement. Except as consented to herein, the Loan Agreement remains unmodified and in full force and effect. This Agreement is not a novation and the terms and conditions of this Agreement shall be in addition to and supplemental to all

terms and conditions set forth in the Loan Agreement. In the event of any conflict or inconsistency between this Agreement and the terms of such documents, the terms of this Agreement shall be controlling, but such document shall not otherwise be affected or the rights therein impaired.

5. Counterparts. This Agreement may be executed in any number of counterparts and all of such counterparts taken together shall be deemed to constitute one and the same instrument.

6. Successors and Assigns. The provisions of this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This Agreement and the rights and obligations of the parties hereto shall be governed by and construed in accordance with the laws of the State of California.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered as of the date first written above.

Lender:

Pinnacle Ventures, L.L.C.

By: Robert N. Savoie
Name: Robert N. Savoie
Title: Chief Operating Officer

Borrower:

Mascoma Corporation

By: David A. [Signature]
Name: David A. [Signature]
Title: CFO

Exhibit A

Patent Applications

COUNTRY	TITLE OF APPLICATION	APPLICATION NO.	FILING DATE
Canada	METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK	2,638,159	24-Jul-08
US	METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK	12/181,640	29-Jul-08
Canada	METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK	2,638,152	24-Jul-08
US	METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK	12/181,666	29-Jul-08
US	METHOD AND APPARATUS FOR TREATING A CELLULOSIC FEEDSTOCK	13/764,956	12-Feb-2013 (divisional filing date)
Canada	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	2,638,160	24-Jul-08
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	12/181,596	29-Jul-08
Canada	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	2,638,157	24-Jul-08
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	12/181,724	29-Jul-08
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	13/443,392	12-Apr-12
Canada	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	2,638,150	24-Jul-08
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	12/181,565	29-Jul-08
Canada	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	2,650,913	28-Jan-09
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	12/361,149	28-Jan-09
Brazil	METHOD AND APPARATUS FOR	PI 1005368-9	21-Jan-10

	CONVEYING A CELLULOSIC FEEDSTOCK		
China	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	201080008066.5	21-Jan-10
Europe	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	10733176.1	21-Jan-10
India	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	5769/DELNP/2011	21-Jan-10
US	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	12/361,103	28-Jan-09
Canada	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	2,650,919	23-Jan-09
Brazil	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	PI 1005350-6	21-Jan-10
China	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	201080008645.x	21-Jan-10
Europe	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	10733175.1	21-Jan-10
India	METHOD AND APPARATUS FOR CONVEYING A CELLULOSIC FEEDSTOCK	5768/DELNP/2011	21-Jan-10