

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		SECURITY INTEREST	
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
MASCOMA CORPORATION		06/01/2011	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	PINNACLE VENTURES, L.L.C.		
Street Address:	130 Lytton Avenue, Suite 220		
City:	Palo Alto		
State/Country:	CALIFORNIA		
Postal Code:	94301		
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE		
PROPERTY NUMBERS Total: 5			
Property Type	Number	Word Mark	
Registration Number:	3713434	MASCOMA	
Serial Number:	77969557	MASCOMA	
Serial Number:	77148365	M MASCOMA	
Registration Number:	3709123	M MASCOMA	
Serial Number:	85316486	MGT	
CORRESPONDENCE DATA			
Fax Number:	(650)493-6811		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	650-496-7543		
Email:	nbouch@wsgr.com		
Correspondent Name:	WSGR, c/o Nancy Bouch, Senior Paralegal		
Address Line 1:	650 Page Mill Road		
Address Line 2:	FH 2-1 P10		
Address Line 4:	Palo Alto, CALIFORNIA 94304		
ATTORNEY DOCKET NUMBER:	30897.030		

CH \$140.00 3713434

900193395

TRADEMARK
REEL: 004552 FRAME: 0990

NAME OF SUBMITTER:	Nancy Bouch
Signature:	/s/Nancy Bouch
Date:	06/02/2011
Total Attachments: 4 source=Pinnacle Ventures - Mascoma Corporation -Trademark Security Agreement#page1.tif source=Pinnacle Ventures - Mascoma Corporation -Trademark Security Agreement#page2.tif source=Pinnacle Ventures - Mascoma Corporation -Trademark Security Agreement#page3.tif source=Pinnacle Ventures - Mascoma Corporation -Trademark Security Agreement#page4.tif	

GRANT OF SECURITY INTEREST

TRADEMARKS

This **GRANT OF SECURITY INTEREST - TRADEMARKS**, dated as of June 1, 2011, is executed by **MASCOMA CORPORATION**, a Delaware corporation ("**Debtor**") in favor of **PINNACLE VENTURES, L.L.C.** ("**Secured Party**") as agent for the lenders party to the Loan Agreement (as defined below).

A. Reference is made to an Amended and Restated Loan and Security Agreement, dated as of the date hereof (the "**Loan Agreement**"), by and among Debtor, the subsidiaries of Debtor party thereto, Secured Party and the lenders party thereto.

B. Debtor owns the trademarks and service mark rights of the United States, more particularly described on Schedules 1 annexed hereto as part hereof (collectively, the "**Trademarks**");

C. Schedules 1 hereof constitutes a complete list, as of the date hereof, of registrations or applications for registrations of Trademarks in or to which Debtor has any right, title, interest, claim or demand. After the date of the Loan Agreement, the terms and provisions of which are hereby incorporated herein as if fully set forth herein, including without limitation with respect to termination of the security interest described below in Section D, Debtor shall provide written notice to Secured Party, in accordance with the provisions of the Loan Agreement, of any addition or change which is necessary to be made to Schedules 1 in order to maintain such schedules' completeness or accuracy, and, further, Debtor shall provide such notice to Secured Party within a reasonable period of time following the date of the event that is the basis for such addition or change, but in no case later than ninety (90) days following the date of such event.

D. Debtor hereby grant to Secured Party a security interest in all right, title and interest of Debtor in and to the Trademarks, together with any reissue, continuation, continuation-in-part or extension thereof, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Trademarks (the "**Collateral**"), to secure the prompt payment, performance and observance of the Obligations, as defined in the Loan Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Collateral granted hereby are more fully set forth in the Loan Agreement.

Secured Party's address is: **PINNACLE VENTURES, L.L.C.**
130 Lytton Avenue, Suite 220
Palo Alto, CA 94301

[remainder of page intentionally left blank]

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first above written.

MASCOMA CORPORATION,
a Delaware corporation

By: William J. Brady
Name: William J. Brady
Title: President and Chief Executive Officer

[Signature Page to Grant of Security Interest – Trademarks]

SCHEDULE 1 TO GRANT OF SECURITY INTEREST

TRADEMARKS

<u>Party</u>	<u>Description</u>	<u>Registration/Application Date</u>	<u>Registration/Application No.</u>
Mascoma Corp.	MASCOMA (Brazil) Class 040	9/9/2008	Reg. No. 828302375
Mascoma Corp.	MASCOMA (Canada)	4/18/2006	Appn. No. 1298108
Mascoma Corp.	MASCOMA (China) Class 040	10/7/2009	Reg. No. 5305299
Mascoma Corp.	MASCOMA (EC) Class 004, 040	6/27/2007	Reg. No. 005018841
Mascoma Corp.	MASCOMA (India) Class 040	11/1/2008	Reg. No. 1447390
Mascoma Corp.	MASCOMA (Japan) Class 040	11/24/2006	Reg. No. 5005823
Mascoma Corp.	MASCOMA (Mexico) Class 040	9/22/2006	Reg. No. 954163
Mascoma Corp.	MASCOMA (South Africa) Class 040	10/24/2005	Reg. No. 2006/08503
Mascoma Corp.	MASCOMA (US) Class 004	3/26/2010	Appn No. 77/969557
Mascoma Corp.	MASCOMA (US) Class 040	11/17/2009	Reg. No. 3713434

Mascoma Corp.	MASCOMA and Design (US) Class 004	4/4/2007	Appn No. 77/148365
Mascoma Corp.	MASCOMA and Design (US) Class 040	11/10/2009	Reg. No. 3709123
Mascoma Corp.	MGT (US) Class 030	5/9/2011	Appn No. 85/316486