PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	Grant of Security Interest (Patents)	

CONVEYING PARTY DATA

Name	Execution Date
BI NUTRACEUTICALS, INC.	12/28/2011

RECEIVING PARTY DATA

Name:	HSBC Bank USA, N.A.
Street Address:	452 Fifth Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10018

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	6889923
Patent Number:	6276917

CORRESPONDENCE DATA

Fax Number: (213)430-6407 Email: gdurham@omm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Gina M. Durham, Esq. Address Line 1: 400 S. Hope Street O'Melveny & Myers LLP Address Line 2:

Address Line 4: Los Angeles, CALIFORNIA 90071

ATTORNEY DOCKET NUMBER: 963,680-016

NAME OF SUBMITTER: Gina M. Durham

Total Attachments: 2

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PATENT

REEL: 027519 FRAME: 0406

NOTICE OF SECURITY INTEREST

Notice is hereby given that BI NUTRACEUTICALS, INC., a Delaware corporation, having an address at 2550 El Presidio, Long Beach, CA 90810 ("Debtor") has granted a security interest to HSBC Bank USA, N.A. ("Lender") having an office at 452 Fifth Avenue, New York NY 10018 in and to all of Debtor's patents, including, without limitation, the patents listed on Exhibit A and the applications and registrations associated therewith, pursuant to an agreement between Debtor and Lender dated December 28, 2011 and as the same may be amended or supplemented from time to time.

Dated: as of December 28, 2011

BI NUTRACEUTICALS, INC.

By:

Chief Financial Officer, Secretary and

Treasurer

PATENTS

Registered United States Patents

Description	Registration Number	Registration Date	Expiration
POWDER PROCESSING	6,889,923	5/10/2005	01/28/2019
POWDER PROCESSING	6,276,917	8/21/2001	01/28/2019
APPARATUS			

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PATENT REEL: 027519 FRAME: 0408

RECORDED: 01/11/2012