

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TEIJIN PHARMA LIMITED	10/11/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TEIJIN LIMITED
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<b>City:</b>	OSAKA-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	541-0054
<b>PROPERTY NUMBERS Total: 11</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	9073885
Patent Number:	9028867
Patent Number:	9078807
Patent Number:	8748132
Patent Number:	8952174
Patent Number:	8968779
Patent Number:	8916714
Patent Number:	9006220
Patent Number:	8881731
Patent Number:	9011582
Patent Number:	9079843
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PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	ID 023316
<b>NAME OF SUBMITTER:</b>	LORENA NICHOLSON FOR BRUCE E. KRAMER
<b>SIGNATURE:</b>	/Lorena Nicholson/
<b>DATE SIGNED:</b>	10/27/2016
<b>Total Attachments: 2</b> source=023316EXECUTEDASSIGNMENT#page1.tif source=023316EXECUTEDASSIGNMENT#page2.tif	

## Assignment

Whereas, TEIJIN PHARMA LIMITED of 2-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, JAPAN 100-0013, hereinafter called assignor, has acquired by assignment the entire right, title, and interest, or a share of the entire right, title, and interest, in the following U.S. patents and the inventions disclosed therein:

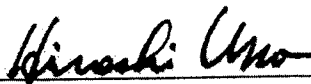
1. U.S. Patent No. 9,073,885, issued July 7, 2015, entitled VITAMIN D<sub>3</sub> LACTONE DERIVATIVES (Assignment recorded on July 29, 2005, at Reel 017541, Frame 0658).
2. U.S. Patent No. 9,028,867, issued May 12, 2015, entitled FORMULATION HAVING ACCURATE DOSE-DIVIDING FUNCTION (Assignment recorded on May 20, 2008, at Reel 020973, Frame 0982).
3. U.S. Patent No. 9,078,807, issued July 14, 2015, entitled TABLET COMPRESSION MACHINE (Assignment recorded on October 5, 2009, at Reel 023326, Frame 0806).
4. U.S. Patent No. 8,748,132, issued June 10, 2014, entitled PROCESS FOR PREPARING INCLUSION BODY-FORMING PROTEIN (Assignment recorded on April 26, 2011, at Reel 026180, Frame 0201).
5. U.S. Patent No. 8,952,174, issued February 10, 2015, entitled PROCESS FOR PRODUCING PHENYL-SUBSTITUTED HETEROCYCLIC DERIVATIVE THROUGH COUPLING USING TRANSITION METAL CATALYST (Assignment recorded on August 10, 2011, at Reel 026730, Frame 0095).
6. U.S. Patent No. 8,968,779, issued March 3, 2015, entitled CONTROLLED RELEASE COAT-CORE TABLET (Assignment recorded on December 18, 2012, at Reel 029493, Frame 0542).
7. U.S. Patent No. 8,916,714, issued December 23, 2014, entitled METHOD FOR PRODUCING PHENYL-SUBSTITUTED HETEROCYCLIC DERIVATIVE BY MEANS OF COUPLING METHOD USING PALLADIUM COMPOUND (Assignment recorded on February 25, 2013, at Reel 029870, Frame 0604).
8. U.S. Patent No. 9,006,220, issued April 14, 2015, entitled 23-YNE-VITAMIN D<sub>3</sub> DERIVATIVE (Assignment recorded on May 13, 2013, at Reel 030404, Frame 0834).
9. U.S. Patent No. 8,881,731, issued November 11, 2014, entitled RESPIRATORY MASK SYSTEM (Assignment recorded on May 1, 2009, at Reel 022628, Frame 0707).
10. U.S. Patent No. 9,011,582, issued April 21, 2015, entitled OXYGEN ENRICHMENT DEVICE (Assignment recorded on July 9, 2012, at Reel 028578, Frame 0725).
11. U.S. Patent No. 9,079,843, issued July 14, 2015, entitled 23-YNE-VITAMIN D<sub>3</sub> DERIVATIVE (Assignment recorded on May 13, 2013, at Reel 030404, Frame 0834, in parent U.S. Application No. 13/880,637, issued as U.S. Patent No. 9,006,220).

Whereas, TEIJIN LIMITED of 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 541-0054, Japan, hereinafter called assignee, desires to acquire said entire right, title, and interest, and said share of said entire right, title, and interest, in the above U.S. patents and the inventions disclosed therein;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

The above named assignor hereby sells, assigns and transfers to the above named assignee, its successors and assigns, said entire right, title and interest, and said share of said entire right, title, and interest, in the above U.S. patents and the inventions disclosed therein.

Date: October 11, 2016

By: 

Name: Hiroshi Uno

Title: President

TEIJIN PHARMA LIMITED

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)