PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3426594

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
ECR PHARMACEUTICALS CO., INC.	07/01/2015
PRECISION DERMATOLOGY, INC.	07/01/2015

RECEIVING PARTY DATA

Name:	BARCLAYS BANK PLC, AS COLLATERAL AGENT
Street Address:	745 SEVENTH AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10019

PROPERTY NUMBERS Total: 29

Property Type	Number
Patent Number:	7790201
Patent Number:	8377480
Patent Number:	8592380
Patent Number:	9018236
Patent Number:	8623330
Patent Number:	8652443
Patent Number:	8784780
Patent Number:	8975295
Patent Number:	7378405
Patent Number:	7981877
Patent Number:	8389502
Patent Number:	8546364
Application Number:	14193482
Application Number:	13803407
Application Number:	13803433
Application Number:	12713379
Application Number:	61152022
Application Number:	14164832
Application Number:	13249960

PATENT REEL: 036091 FRAME: 0257

503379972

Property Type	Number
Application Number:	13667209
Application Number:	13778696
Application Number:	13313468
Application Number:	11464100
Application Number:	13409608
Application Number:	13937605
Application Number:	14193066
Application Number:	14104074
Application Number:	13343906
Application Number:	14159767

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: marina.kelly@thomsonreuters.com

Correspondent Name: ELAINE CARRERA, LEGAL ASSISTANT

Address Line 1: **80 PINE STREET**

Address Line 2: C/O CAHILL GORDON & REINDEL LLP

Address Line 4: NEW YORK, NEW YORK 10005

NAME OF SUBMITTER:	ELAINE CARRERA, LEGAL ASSISTANT
TANKE OF GODINITTEIN.	LEAINE OATHERA, LEGAL AGGIOTANT
SIGNATURE:	/Marina Kelly, Thomson Reuters/
DATE SIGNED:	07/06/2015

Total Attachments: 15

source=US - Patent Security Agreement 15#page1.tif source=US - Patent Security Agreement 15#page2.tif source=US - Patent Security Agreement 15#page3.tif source=US - Patent Security Agreement 15#page4.tif source=US - Patent Security Agreement 15#page5.tif source=US - Patent Security Agreement 15#page6.tif source=US - Patent Security Agreement 15#page7.tif source=US - Patent Security Agreement 15#page8.tif source=US - Patent Security Agreement 15#page9.tif source=US - Patent Security Agreement 15#page10.tif source=US - Patent Security Agreement 15#page11.tif source=US - Patent Security Agreement 15#page12.tif source=US - Patent Security Agreement 15#page13.tif source=US - Patent Security Agreement 15#page14.tif

source=US - Patent Security Agreement 15#page15.tif

PATENT SECURITY AGREEMENT

This **PATENT SECURITY AGREEMENT**, dated as of July 1, 2015 (as it may be amended, restated, supplemented or otherwise modified from time to time, this "**Agreement**"), is made by the entities identified as grantors on the signature pages hereto (collectively, the "**Grantors**") in favor of Barclays Bank PLC, as collateral agent for the Secured Parties (in such capacity, together with its successors and permitted assigns, the "**Collateral Agent**").

WHEREAS the Grantor is subject to, and is made party to, the Pledge and Security Agreement, dated as of June 29, 2011, as amended by the Amended and Restated Pledge and Security Agreement, dated as of October 20, 2011, and as further amended by the Second Amended and Restated Pledge and Security Agreement, dated as of February 13, 2012 (as it may be amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement") between each of the Grantors and the other grantors party thereto and the Collateral Agent pursuant to which the Grantors granted a security interest to the Collateral Agent in the Patent Collateral (as defined below) and are required to execute and deliver this Agreement.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantors hereby agree with the Collateral Agent as follows:

SECTION. 1. Defined Terms

Unless otherwise defined herein, terms defined in the Pledge and Security Agreement and used herein have the meaning given to them in the Pledge and Security Agreement.

SECTION 2. Grant of Security Interest

Each Grantor hereby grants to the Collateral Agent, for the benefit of the Secured Parties, a security interest in and continuing lien on all of such Grantor's right, title and interest in, to and under the following, in each case whether now owned or hereafter acquired by such Grantor or in which any Grantor now has or hereafter acquires any right, title or interest and wherever the same may be located (collectively, the "Patent Collateral"):

all United States and foreign patents and certificates of invention, or similar industrial property rights, and applications for any of the foregoing, including, but not limited to: (i) each patent and patent application listed in Schedule A attached hereto, (ii) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations thereof, (iii) all patentable inventions and improvements thereto, (iv) the right to sue or otherwise recover for any past, present and future infringement or other violation thereof, (v) all Proceeds of the foregoing, including, without limitation, license fees, royalties, income, payments, claims, damages and proceeds of suit now or hereafter due and/or payable with respect thereto, and (vi) all other rights of any kind accruing there- under or pertaining thereto throughout the world, but in any case excluding any Excluded Assets.

SECTION 3. Security Agreement

The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Collateral Agent for the Secured Parties pursuant to the Pledge and Security Agreement, and the Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are

more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Agreement is deemed to conflict with the Pledge and Security Agreement, the provisions of the Pledge and Security Agreement shall control.

SECTION 4. Governing Law

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO CONFLICT OF LAWS PRINCIPLES THEREOF.

SECTION 5. Counterparts

This Agreement may be executed in one or more counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument. Delivery of an executed counterpart to this Agreement by facsimile transmission or other electronic transmission (such as .pdf or .tif) shall be effective as delivery of a manually signed counterpart of this Agreement.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, each Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

ECR PHARMACEUTICALS CO., INC.

Name: Linda A. LaGorga

Title: Treasurer

PRECISION DERMATOLOGY, INC.

By: Olalu. Jaluan Nama: Linda A LaGora

Title: Senior Vice President, Treasurer

[Signature Page to Patent Security Agreement]

IN WITNESS WHEREOF, each Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Accepted and Agreed:

BARCLAYS BANK PLC,

as Coffateral Agent

By: __

Name: Craig Malloy

Director

[Signature Page to Patent Security Agreement]

SCHEDULE A to PATENT SECURITY AGREEMENT

PATENTS AND PATENT APPLICATIONS

ECR PHARMACEUTICALS CO., INC. PATENT SCHEDULE

					AND PRODUCTION THEREOF	
Inc.					RELEASE PREPARATION	
2/19/2013 ECR Pharmaceuticals Co.	2/19/2013	8377480	8/4/2010	12/850,087 8/4/2010	United States GRANULAR SUSTAINED	United States
					AND PRODUCTION THEREOF	
Inc.					RELEASE PREPARATION	
ECR Pharmaceuticals Co.	9/7/2010	7790201	2/28/2006	10/570,242 2/28/2006	United States GRANULAR SUSTAINED	United States
Owner	Grant Date	Patent No.	Application Date	Application No.	Title	Jurisdiction

PRECISION DERMATOLOGY, INC. PATENT SCHEDULE

WIPO	EUROPE	CANADA	Jurisdiciton
AEROSOL FOAMS COMPRISING CLINDAMYCIN 9390	AEROSOL FOAMS COMPRISING CLINDAMYCIN PHOSPHATE	AEROSOL FOAMS COMPRISING CLINDAMYCIN 2,794,503 PHOSPHATE	Title
PCT/US11/2 9390	11760052.8	2,794,503	Application No.
3/22/2011	3/22/2011	3/22/2011	Application Date
119585	2563336	2,794,50	Patent No.
9/29/2011	3/6/2013	9/29/2011 Pred 9/29/2011 Inc.	Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

Jurisdiciton	Title	Application	Application Date	Patent No.	Grant	Owner
	PHOSPHATE					
United States	AEROSOL FOAMS COMPRISING CLINDAMYCIN PHOSPHATE	13/053,524	3/22/2011	8,592,38 0	11/26/201 3	Precision Dermatology, Inc.
United States	CONTROLLING THE BIOAVAILABILITY OF ACTIVE INGREDIENTS IN TOPICAL FORMULATIONS	14/193,482	2/28/2014			Precision Dermatology, Inc.
WIPO	CONTROLLING THE BIOAVAILABILITY OF ACTIVE INGREDIENTS IN TOPICAL FORMULATIONS	PCT/US14/1 9378	2/28/2014			Precision Dermatology, Inc.
AUSTRALIA	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	2013235483	3/14/2013			Precision Dermatology, Inc.
BRAZIL	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	PCT/US13/3 1296	3/14/2013			Precision Dermatology, Inc.
CANADA	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	PCT/US13/3 1296	3/14/2013			Precision Dermatology, Inc.
CHINA	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	PCT/US13/3 1296	3/14/2013			Precision Dermatology, Inc.
EUROPE	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	PCT/US13/3 1296	3/14/2013			Precision Dermatology, Inc.

EUROPE TRI	CANADA TRI	WIPO CY DE	United States DE:	United States DE	United States DE	SOUTH MICKOREA DE TH	MEXICO CY DE	JAPAN CY DE	Jurisdiciton
EMOLLIENT FOAMS FOR TREATMENT OF DERMATOSES	EMOLLIENT FOAMS FOR TREATMENT OF DERMATOSES	CYCLODEXTRIN-BASED MICROEMULSIONIS, AND DERMATOLOGICAL USES THEREOF	Title						
10846778.8	2,791,014	PCT/US13/3 1296	13/803,433	13/803,407	13/803,280	PCT/US13/3 1296	MX/a/2014/0 11181	PCT/US13/3 1296	Application No.
3/17/2010	3/17/2010	3/14/2013	3/14/2013	3/14/2013	3/14/2013	3/14/2013	3/14/2013	3/14/2013	Application Date
					9,018,23 6				Patent No.
					4/28/2501 5				Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

EUROPE	CANADA	United States	WIPO	United States	WIPO	United States	WIPO	MEXICO	JAPAN	Jurisdiciton
FOAMABLE BENZOYL PEROXIDE COMPOSITIONS FOR TOPICAL ADMINISTRATION	EMOLLIENT FOAMS FOR TREATMENT OF SEBORRHEIC DERMATITIS	EMOLLIENT FOAMS FOR TREATMENT OF SEBORRHEIC DERMATITIS	EMOLLIENT FOAMS FOR TREATMENT OF DERMATOSES	Title						
09840157.3	2752070	61/152,022	PCT/US09/5 4752	13/017,204	PCT/US11/2 3178	12/713,379	PCT/US10/2 7615	MX/a/2012/0 09842	PCT/US10/2 7615	Application No.
8/24/2009	8/24/2009	2/12/2009	8/24/2009	1/31/2011	1/31/2011	2/26/2010	3/17/2010	8/24/2012	3/17/2010	Application Date
				8,623,33 0						Patent No.
				1/7/2014						Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

Jurisdiciton	Title FOAMABLE BENZOYL	Application No.	Application Date	Patent No.	Grant Date	Owner Precision Dermatology.
MEXICO	FOAMABLE BENZOYL PEROXIDE COMPOSITIONS FOR TOPICAL ADMINISTRATION	MX/a/2011/0 08273	8/5/2011			
United States	FOAMABLE BENZOYL PEROXIDE COMPOSITIONS FOR TOPICAL ADMINISTRATION	14/164,832	1/27/2014			
WIPO	FOAMABLE MICROEMULSION COMPOSITIONS FOR TOPICAL ADMINISTRATION	PCT/US10/2 2375	1/28/2010			
MEXICO	FOAMABLE MICROEMULSION COMPOSITIONS FOR TOPICAL ADMINISTRATION	MX/a/2011/0 08266	8/5/2011			
United States	FOAMABLE MICROEMULSION COMPOSITIONS FOR TOPICAL ADMINISTRATION	12/371,155	2/13/2009	8,652,44 3	2/18/2014)14
EUROPE	HIGH OIL-CONTENT EMOLLIENT AEROSOL FOAM COMPOSITIONS	11792808.5	3/11/2011			
JAPAN	HIGH OIL-CONTENT EMOLLIENT AEROSOL FOAM COMPOSITIONS	PCT/US11/2 8079	3/11/2011			
WIPO	HIGH OIL-CONTENT EMOLLIENT AEROSOL FOAM COMPOSITIONS	PCT/US11/2 8079	3/11/2011			
United States	HIGH OIL-CONTENT EMOLLIENT AEROSOL FOAM COMPOSITIONS	13/046,088	3/11/2011	8,784,78 0	7/22/2014	14

SOUTH KOREA	SOUTH KOREA	SOUTH AFRICA	United States	WIPO	HONG KONG	EUROPE	CANADA	BRAZIL	AUSTRALIA	United States	Jurisdiciton
MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC LEVELS TO IMPROVE TISSUE PROPERTIES	MODULATION OF ZINC A LEVELS TO IMPROVE TISSUE PROPERTIES	METHOD AND SYSTEM FOR AUTOMATIC PRODUCT REPLENISHMENT	1 Title
2013- 7013437	2011- 7031695	2005/03253	10/692,191	PCT/US03/3 3598	06104438.6	03776519.5	2503492	P10315649-4	2003284337	13/249,960	Application No.
10/22/2003	10/22/2003	4/21/2005	10/22/2003	10/22/2003	12/4/2006	10/22/2003	10/22/2003	10/22/2003	10/22/2003	9/30/2011	Application Date
		2005/032 53	8,975,29 5				2,503,48		2003284 337		Patent No.
		7/26/2006	3/10/2015				9/10/2013		7/29/2010		Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner					

United States STABLE, NON-IRRITATING United States TOPICAL FORMULATIONS OF	United States REACTIVE PROPELLANTS	WIPO STABLE DERMATOLOGICAL AEROSOL FOAMS UTILIZING REACTIVE PROPELLANTS	JAPAN STABLE DERMATOLOGICAL AEROSOL FOAMS UTILIZING REACTIVE PROPELLANTS	EUROPE STABLE DERMATOLOGICAL AEROSOL FOAMS UTILIZING REACTIVE PROPELLANTS	CANADA AEROSOL FOAMS UTILIZING REACTIVE PROPELLANTS	United States COMPOSITION AND METHOD FOR ITS PREPARATION	United States COMPOSITION AND METHOD FOR ITS PREPARATION	United States COMPOSITION AND METHOD FOR ITS PREPARATION	United States COMPOSITION AND METHOD FOR ITS PREPARATION	SINGAPORE LEVELS TO IMPROVE TISSUE PROPERTIES	Jurisdiciton
G S OF 13/778,696	AL ING 13/667,209	AL PCT/US12/6 3188	AL ING 2014-540114	AL ING 12844822.2	AL	HOD 12/840,487	HOD 13/155,493	HOD 11/432,742	HOD 10/762,652	SUE 201108812-7	Application No.
2/27/2013	11/2/2012	11/2/2012	11/2/2012	11/2/2012	11/2/2012	7/21/2010	6/8/2011	5/11/2006	1/22/2004	10/22/2003	Application Date
						8,546,36 4	8,389,50 2	7,981,87 7	7,378,40 5		Patent No.
						10/1/2013	3/5/2013	7/19/2011	5/27/2008		Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

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WIPO	WIPO United States		WIPO	United States	United States	United States	WIPO	WIPO	CANADA	United States	Jurisdiciton
TOPICAL FORMULATIONS OF CORTICOSTEROIDS WITH ENHANCED BIOAVAILABILITY	TOPICAL FORMULATIONS OF CORTICOSTEROIDS WITH ENHANCED BIOAVAILABILITY	TOPICAL FORMULATIONS FOR INCREASING THE DERMAL CONCENTRATION OF HYALURONIC ACID	TOPICAL FORMULATIONS COMPRISING DNA REPAIR ENZYMES, AND METHODS OF USE THEREOF	TOPICAL FORMULATIONS COMPRISING DNA REPAIR ENZYMES , AND METHODS OF USE THEREOF	TOPICAL DELIVERY WITH A CARRIER FLUID	TOPICAL DELIVERY WITH A CARRIER FLUID	TOPICAL DEIVERY WITH A CARRIER FLUID	TOPICAL AEROSOL FOAMS	TOPICAL AEROSOL FOAMS	TANDEM HYPOCHLORITE-BARRIER REPAIR THERAPY FOR THE TREATMENT OF ECZEMA	Title
PCT/US14/1 9248	14/193,066	PCT/US13/7 4711	PCT/US13/4 9681	13/937,605	13/409,608	11/464,100	PCT/US06/0 31648	PCT/US04/3 2714	2528818	13/313,468	Application No.
2/28/2014	2/28/2014	12/12/2013	7/9/2013	7/9/2013	3/1/2012	8/11/2006	8/11/2006	10/4/2004	10/4/2004	12/7/2011	Application Date
									2528818		Patent No.
									8/10/2010		Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

ITALY	UNITED KINGDOM	FRANCE	EUROPE	GERMANY	SWITZERLA ND	United States	United States	WIPO	ITALY	UNITED KINGDOM	FRANCE	EUROPE	GERMANY	SWITZERLA ND	United States	Jurisdiciton
TOPICAL PHARMACEUTICAL FOAM COMPOSITION	TOPICAL FORMULCATIONS FOR INCREASING THE DERMAL CONCENTRATION OF HYALURONIC ACID	Title														
09162106	09162106	09162106	09162106	09162106	09162106	14/159,767	13/343,906	PCT/US06/4 1366	06817315.2	06817315.2	06817315.2	06817315.2	06817315.2	06817315.2	14/104,074	Application No.
10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	1/21/2014	1/5/2012	10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	10/24/2006	12/12/2013	Application Date
2100601	2100601	2100601	2100601	2100601	2100601				1948130	1948130	1948130	1948130	1948130	1948130		Patent No.
6/27/2012	6/27/2012	6/27/2012	6/27/2012	6/27/2012	6/27/2012				9/11/2013	9/11/2013	9/11/2013	9/11/2013	9/11/2013	9/11/2013		Grant Date
Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Precision Dermatology, Inc.	Owner

WIFO	W/IDO	Jurisdiciton
LOCALIZED SCLERODERMA	TOPICAL TREATMENT OF	Title
0189	PCT/US14/4	Application No.
2/20/2014	5/20/2017	Application Date
		Patent No.
		Grant Date
Inc.	Precision Dermatology,	Owner

PATENT
RECORDED: 07/06/2015 REEL: 036091 FRAME: 0272