# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5028368

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
HALLSTAR INNOVATIONS CORP.	06/01/2018

# **RECEIVING PARTY DATA**

Name:	HALLSTAR BEAUTY AND PERSONAL CARE INNOVATIONS COMPANY
Street Address:	120 SOUTH RIVERSIDE PLAZA
Internal Address:	SUITE 1620
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

## **PROPERTY NUMBERS Total: 67**

Property Type	Number
Application Number:	08752585
Application Number:	08967121
Application Number:	08984765
Application Number:	09523336
Application Number:	10092132
Application Number:	10092131
Application Number:	10105990
Application Number:	10246434
Application Number:	10302423
Application Number:	10361223
Application Number:	10385833
Application Number:	10458286
Application Number:	10785271
Application Number:	10786793
Application Number:	10883507
Application Number:	10966460
Application Number:	10966461
Application Number:	10966294
Application Number:	11101214

PATENT REEL: 046977 FRAME: 0359

504981622

Property Type	Number
Application Number:	11491205
Application Number:	11891281
Application Number:	11891280
Application Number:	12022758
Application Number:	12163222
Application Number:	12205546
Application Number:	12260278
Application Number:	12290732
Application Number:	12432542
Application Number:	12432450
Application Number:	12533598
Application Number:	12554329
Application Number:	12840158
Application Number:	12854496
Application Number:	13032215
Application Number:	13080247
Application Number:	13282667
Application Number:	13294339
Application Number:	13344044
Application Number:	13385148
Application Number:	61681916
Application Number:	13572165
Application Number:	13588662
Application Number:	13805168
PCT Number:	US2008058454
PCT Number:	US2012060423
PCT Number:	US2012067519
PCT Number:	US2013054408
PCT Number:	US2016020952
PCT Number:	US2017021943
PCT Number:	US2017041232
Application Number:	61862900
Application Number:	13963865
Application Number:	61883848
Application Number:	14229590
Application Number:	14452356
Application Number:	14503118
Application Number:	62128499

Property Type	Number
Application Number:	14792437
Application Number:	14792431
Application Number:	14792421
Application Number:	15061599
Application Number:	62359539
Application Number:	62492906
Application Number:	15644611
Application Number:	62549859
Application Number:	09592026
Application Number:	10375522

### **CORRESPONDENCE DATA**

**Fax Number:** (214)978-3099

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.

**Phone:** 2149657000

Email: docket@bakermckenzie.com
Correspondent Name: BAKER & MCKENZIE LLP

Address Line 1: 1900 N PEARL STREET, SUITE 1500

Address Line 4: DALLAS, TEXAS 75201

ATTORNEY DOCKET NUMBER:	22145020-500006
NAME OF SUBMITTER:	APRIL ASHLEY-AUGUSTINE
SIGNATURE:	/April Ashley-Augustine/
DATE SIGNED:	06/28/2018

### **Total Attachments: 20**

source=Project Milky Way - Step 17.12 - Assignment of Patents - HallStar Innovations Corp to HallStar BPC #page1.tif

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BPC #page10.tif

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### PATENT ASSIGNMENT

This Patent Assignment is delivered pursuant to the Closing under that certain Asset Contribution Agreement (the "Contribution Agreement") effective as of June 1, 2018 (the "Effective Date"), between HallStar Innovations Corp., as the "Seller," and HallStar Beauty and Personal Care Innovations Company, as the "Purchaser." Capitalized terms used in this Patent Assignment without definition have the respective meanings given to them in the Contribution Agreement

The Seller has delivered this instrument signed by the Seller to enable the Purchaser to file it with any appropriate Governmental Authority to indicate ownership of Intellectual Property described below and for the other purposes set forth in this instrument. This instrument supplements and is in addition to all other rights of the Purchaser under the Contribution Agreement and other instruments of transfer delivered in connection with the Contribution Agreement.

NOW, THEREFORE, for good and valuable consideration provided for in the Contribution Agreement and including ten US dollars (\$10.00) per Assigned Patent, the receipt and sufficiency of which is hereby acknowledged, and by signing and delivering this instrument, the Seller sells, assigns, transfers, conveys, and delivers to the Purchaser all of the Seller's right, title, and interest in and to:

- (a) the patents, patent applications and invention disclosures specifically listed in Annex A to this Patent Assignment; and
- (b) the following properties and rights with respect to all patents and patent applications so listed in Annex A:
  - (i) the inventions claimed or described in the patents or applications;
  - (ii) any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed in Annex A and all rights to file applications, including the right to claim priority under all applicable international treaties, arrangements and agreements (including without limitation the Paris Convention, the Patent Cooperation Treaty (PCT) and TRIPs) to the patents and/or applications listed in Annex A;
  - (iii) all divisions, renewals, reissues, continuations, extensions and continuations-inpart of the foregoing patents;
  - (iv) all income, royalties, damages and payments due or payable to the Seller with respect to the patents, including without limitation unpaid damages and payments for past, present and future infringements of any patent; and
  - (v) all rights to sue and recover damages and payments for past, present and future infringements of any of the patents, including the right to fully and entirely replace the Seller in all related matters.

The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Seller would have held the same in the absence of this assignment. As of the Effective Date, the Purchaser has succeeded to all right, title and standing of the Seller to (a) receive all rights and benefits pertaining to the patents described above and (b) commence, prosecute, defend and settle all claims and take all actions that the Purchaser, in its sole discretion, may elect in relation to the patents and rights

described above. This Patent Assignment (a) is irrevocable and effective as of the Effective Date, (b) benefits and binds the parties to the Contribution Agreement and their respective successors and assigns, (c) does not modify or affect, and is subject to, the provisions of the Contribution Agreement and (d) may be signed in counterparts as provided in Section 4.7 of the Contribution Agreement.

(signature page follows)

IN WITNESS WHEREOF, the parties have duly executed this Patent Assignment effective as of the Effective Date.

HALLSTAR INNOVATIONS CORP.

Name: William J. Wolbrook

Title: Secretary

STATE OF: I Cook

On Just 20, 2018 before me, Tuker L. Listed (the undersigned notary), personally appeared william J. Hollow personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal,

My commission expires: Sep 2, 2019

(Notary Seal)

TUCKER SLIDEWELL Official Seal Notary Public - State of Illinois My Commission Expires Sep 2, 2019

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IN WITNESS WHEREOF, the parties have duly executed this Patent Assignment effective as of the Effective Date.

# HALLSTAR BEAUTY AND PERSONAL CARE INNOVATIONS COMPANY

By:

- Robert C. Kemappen, Dr.

Name: Robert C. Knuepfer, Jr.

Title: Secretary

STATE OF: Illino's COUNTY OF: Cook

On June 35, ablb before me, June 15. before me, the undersigned notary), personally appeared Rolf C Kaleft Jr. personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

TUCKER GLIDEWELL.
Official Seal
Notary Public - State of Illinois
My Commission Expires Sep 2, 2019

Notary Public

My commission expires: See

(Notary Seal)

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# ANNEX A – ASSIGNED PATENT

Australia         2008284216         27-Mar-2008         2008284216         17-Jan-2013         HallStar Importations Corp. CONFOSTIONS         CORGANIC MOLECULES IN PROTOACTIVE CONFOSTIONS           Australia         2008296170         5-Sep-2008         2008296170         12-Dec-2013         HallStar Imnovations Corp. CHROMOPHORE-CONTAINING DISPERSIONS OF INCORGANIC EXCITATION OF Innovations Corp. PROFOSTIONS. AND ETHODS FOR ANTICULATES CONTAINING DISPERSIONS OF INCORGANIC Innovations Corp. PARTICULATES CONTAINING ALMOST CORP. PARTICULATES CONTAINING ALMOST CORP. PARTICULATES CONTAINING DISPERSION OF INCORGANIC MINOVACRY LENGTH CONTAINING DISPERSION OF INCORGANIC EXCITED STATES CONTAINING DISPERSION OF INCORGANIC	<b>Jurisdiction</b> Australia	<b>Application No.</b> 2008284217	App. Date 27-Mar-2008	Patent No. 2008284217	Grant Date 21-Feb-2013	Current Record Owner  HallStar Innovations Corp.	Title  METHOD OF QUENCHING ELECTRONIC EXCITATION OF
2008284216 27-Mar-2008 2008284216 17-Jan-2013 HallStar Innovations Corp. 2008296170 5-Sep-2008 2008296170 12-Dec-2013 HallStar Innovations Corp. 2010290001 2-Jul-2010 2010290001 12-Jan-2017 HallStar Innovations Corp. 2013299403 9-Aug-2013 HallStar Innovations Corp. 2017202533 18-Apr-2017 HallStar Innovations Corp. 03759461.1 17-Sep-2003 1539064 21-Feb-2007 CPH Innovations Corp. P10815105-9 27-Mar-2008 HallStar Innovations Corp.							ORGANIC MC PHOTOACTIV COMPOSITIO
2008296170 5-Sep-2008 2008296170 12-Dec-2013 HallStar Innovations Corp. 2010290001 2-Jul-2010 2010290001 12-Jan-2017 HallStar Innovations Corp. 2013299403 9-Aug-2013 HallStar Innovations Corp. 2017202533 18-Apr-2017 HallStar Innovations Corp. 03759461.1 17-Sep-2003 1539064 21-Feb-2007 CPH Innovations Corp. P10815105-9 27-Mar-2008 HallStar Innovations Corp.	Australia	2008284216	27-Mar-2008	2008284216	17-Jan-2013	HallStar Innovations Corp.	METHOD OF ELECTRONIC
1 2008296170 5-Sep-2008 2008296170 12-Dec-2013 HallStar Innovations Corp. 2-Jul-2010 2010290001 12-Jan-2017 HallStar Innovations Corp. 1 2013299403 9-Aug-2013 HallStar Innovations Corp. 2017202533 18-Apr-2017 HallStar Innovations Corp. 03759461.1 17-Sep-2003 1539064 21-Feb-2007 CPH Innovations Corp. P10815105-9 27-Mar-2008 HallStar Innovations Corp.							ORGANIC MC
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PI0815105-9 27-Mar-2008 HallStar Innovations Corp.	Belgium	03759461.1	17-Sep-2003	1539064	21-Feb-2007	CPH Innovations	NOVEL PHOT
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PI0815105-9 27-Mar-2008 HallStar Innovations Corp.							PHOTOSTABI
PI0815105-9 27-Mar-2008 HallStar Innovations Corp.							SUNSCREEN
	Brazil	6-5015180Id	27-Mar-2008			HallStar	METHOD OF
CHROMOPHO ORGANIC MO PHOTOACTIV						Innovations Corp.	ELECTRONIC
PHOTOACTIV							ORGANIC MC
							PHOTOACTIV

EPO	EPO	EPO	China P.R.	China P.R.	China P.R.	Canada	Brazil	Brazil	
13827223.2	10738073.5	08799235.0		PCT/US2016/020952	201380053282.5	2540915	PI1003263-0	PI0815103-2	
9-Aug-2013	16-Jul-2010	5-Sep-2008		4-Mar-2016	9-Aug-2013	20-Nov-2003	17-May-2010	27-Mar-2008	
						2540915			
						24-May-2011			
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	International Flora Technologies, Ltd.	HallStar Innovations Corp.	HallStar Innovations Corp.	
COMPOSITIONS, APPARATUS, SYSTEMS, AND METHODS FOR RESOLVING ELECTRONIC EXCITED STATES	PHOTOSTABILIZATION OF RETINOIDS WITH ALKOXYCRYLENE COMPOUNDS	PHOTOSTABILIZING SILICONE FLUIDS	WEARABLE REAL TIME UV EXPOSURE STRIPS, SYSTEMS AND METHODS	PHOTOSTABLE COMPOSITIONS COMPRISING PARA-ALKOXYL PHENYL SUBSTITUTED PROPENOIC ACID (APP) DERIVATIVES	COMPOSITIONS, APPARATUS, SYSTEMS, AND METHODS FOR RESOLVING ELECTRONIC EXCITED STATES	ALKOXYLATED FULLY HYDROGENATED JOJOBA WAX ESTERS	DISPERSIONS OF INORGANIC PARTICULATES CONTAINING ALKOXYCRYLENE	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	COMPOSITIONS

Germany	Germany	France	France	France	France	EPO
04812586.8	03759461.1	09792357.7	08103205.4	4812586.8	03759461.1	14185253.3
1-Dec-2004	17-Sep-2003	9-Sep-2009	31-Mar-2008	1-Dec-2004	17-Sep-2003	18-Sep-2014
602004025290. 5	60312006.7	2350182	2025324	1720512	1539064	
20-Jan-2010	21-Feb-2007	15-Aug-2012	14-Aug-2013	20-Jan-2010	21-Feb-2007	
HallStar Innovations Corp.	CPH Innovations	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	CPH Innovations	HallStar Innovations Corp.
PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH LOW LEVELS OF AN ALPHA-CYANO-BETA, BETA-	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH LOW LEVELS OF AN ALPHA-CYANO-BETA, BETA- DIPHENYLACRYLATE COMPOUND	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	METHOD OF FORMULATING A SUNSCREEN THAT APPLIES CLEAR AND REMAINS CLEAR ON WET SKIN AND COMPOSITIONS THEREOF

Japan 20	Japan 20	Japan 20	India 12	Great Britain 03	Germany 09	Germany 08	
2010-520004	2007-500751	2004-538459	1228/CHENP/2010	03759461.1	09792357.7	08103205.4	
27-Mar-2008	1-Dec-2004	17-Sep-2003	27-Mar-2008	17-Sep-2003	9-Sep-2009	31-Mar-2008	
5520220	5060942	4452621		1539064	602009009104. 2	602008026705. 9	
11-Apr-2014	10-Aug-2012	5-Feb-2010		21-Feb-2007	15-Aug-2012	14-Aug-2013	
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	CPH Innovations	HallStar Innovations Corp.	HallStar Innovations Corp.	
METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING	PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH LOW LEVELS OF AN ALPHA-CYANO-BETA, BETA- DIPHENYLACRYLATE COMPOUND	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	DIPHENYLACRYLATE COMPOUND

PCT PCT/I	PCT PCT/I	PCT PCT/I	New Zealand 551813	Netherlands 03759461.1	Japan 2012-	Japan 2010-	
PCT/US12/67519	PCT/US12/60423	PCT/US2008/058454	13	9461.1	2012-516391	2010-524180	
3-Dec-2012	16-Oct-2012	27-Mar-2008	1-Dec-2004	17-Sep-2003	16-Jul-2010	5-Sep-2008	
			551813	1539064		5486500	
			11-Mar-2010	21-Feb-2007		28-Feb-2014	
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
METHOD OF QUENCHING SINGLET AND TRIPLET EXCITED STATES OF PHOTODEGRADABLE PIGMENTS, SUCH AS PORPHYRIN COMPOUNDS, PARTICULARLY PROTOPORPHYRIN IX, WITH	PHOTOSTABILIZATION OF COENZYME Q COMPOUNDS WITH ALKOXYCRYLENE COMPOUNDS	TEST METHOD FOR DETERMINING COMPOUNDS CAPABLE OF QUENCHING ELECTRONIC SINGLET STATE EXCITATION OF PHOTOACTIVE COMPOUNDS	PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH LOW LEVELS OF AN ALPHA-CYANO-BETA, BETA- DIPHENYLACRYLATE COMPOUND	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	PHOTOSTABILIZATION OF RETINOIDS WITH ALKOXYCRYLENE COMPOUNDS	PHOTOSTABILIZING SILICONE FLUIDS	ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS

	T	T T				
USA	USA	PCT	PCT	PCT	PCT	
08/967121	08/752585	PCT/US17/41232	PCT/US2017/021943	PCT/US2016/020952	PCT/US13/54408	
12-Nov-1997	21-Nov-1996	7-Jul-2017	10-Mar-2017	4-Mar-2016	9-Aug-2013	
5788954	5783173					
4-Aug-1998	21-Jul-1998					
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
HYDRATING SKIN CARE AND SUNSCREEN COMPOSITION CONTAINING DIBENZOYLMETHANE DERIVATIVE, E.G., PARSOL 1789, AND C12, C16, C18	STABLE SUNSCREEN COMPOSITION CONTAINING DIBENZOYLMETHANE DERIVATIVE, E. G., PARSOL 1789, AND C12, C16, C18, BRANCHED CHAIN HYDROXYBENZOATE AND/OR C12, C16, BRANCHED CHAIN BENZOATE STABILIZERS/SOLUBILIZERS	PHOTOSTABLE COMPOSITIONS COMPRISING PARA-ALKOXYL PHENYL SUBSTITUTED PROPENOIC ACID (APP) COPOLYMER DERIVATIVES	COLD PROCESS EMULSIFIER COMPOSITION	PHOTOSTABLE COMPOSITIONS COMPRISING PARA-ALKOXYL PHENYL SUBSTITUTED PROPENOIC ACID (APP) DERIVATIVES	COMPOSITIONS, APPARATUS, SYSTEMS, AND METHODS FOR RESOLVING ELECTRONIC EXCITED STATES	CONJUGATED FUSED TRICYCLIC COMPOUNDS HAVING ELECTRON WITHDRAWING GROUPS, TO REDUCE GENERATION OF SINGLET OXYGEN

USA	USA	USA	USA	USA	USA	
10/246434	10/105990	10/092131	10/092132	09/523336	08/984765	
17-Sep-2002	25-Mar-2002	5-Mar-2002	5-Mar-2002	10-Mar-2000	4-Dec-1997	
6926887	6770270	6537529	6485713	6350894	5849273	
9-Aug-2005	3-Aug-2004	25-Mar-2003	26-Nov-2002	26-Feb-2002	15-Dec-1998	
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A	METHODS OF MAKING AND SELLING A SUNSCREEN COMPOSITION	SUNSCREEN COMPOSITIONS AND METHODS AND MATERIALS FOR PRODUCING THE SAME	SUNSCREEN COMPOSITIONS AND METHODS AND MATERIALS FOR PRODUCING THE SAME	STABLE SUNSCREEN COMPOSITION CONTAINING DIBENZOYLMETHANE DERIVATIVE, E. G., PARSOL 1789, AND C12, C16, C18, BRANCHED CHAIN HYDROXYBENZOATE AND/OR C12, C16, BRANCHED CHAIN BENZOATE STABILIZERS/SOLUBILIZERS	SKIN CARE AND SUNSCREEN COMPOSITION CONTAINING DIBENZOYLMETHANE DERIVATIVE, E.G., PARSOL 1789, AND C12, C16, C18 BRANCHED CHAIN HYDROXYBENZOATE AND/OR C12, C16 BRANCHED CHAIN BENZOATE STABILIZERS/ SOLUBILIZERS	BRANCHED CHAIN HYDROXYBENZOATE AND/OR C12, C16, BRANCHED CHAIN BENZOATEIZERS/SOLUBILIZE R

USA	USA	USA	USA	USA	USA	
10/	10/	10/.	10/	10/	10/	
10/786793	10/785271	10/458286	10/385833	10/361223	10/302423	
25-Feb-2004	24-Feb-2004	10-Jun-2003	11-Mar-2003	10-Feb-2003	22-Nov-2002	
7534420	6899866	6919473	6962692	6890521	6800274	
19-May-2009	31-May-2005	19-Jul-2005	8-Nov-2005	10-May-2005	5-Oct-2004	
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
COMPOUNDS DERIVED FROM POLYANHYDRIDE RESINS WITH FILM-FORMING, UV-ABSORBING, AND PHOTOSTABLIZING PROPERTIES, COMPOSITIONS CONTAINING SAME, AND METHODS OF USING THE SAME	PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH A COMBINATION OF AN ALPHA-CYANO-BETA, BETA- DIPHENYLACRYLATE COMPOUND AND A DIALKYL NAPHTHALATE	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	PHOTOSTABILIZATION OF A SUNSCREEN COMPOSITION WITH LOW LEVELS OF AN ALPHA-CYANO-BETA, BETA- DIPHENYLACRYLATE COMPOUND	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITION	SUNSCREEN COMPOSITION

USA	USA	USA	USA	USA
11/101214	10/966294	10/966461	10/966460	10/883507
7-Apr-2005	15-Oct-2004	15-Oct-2004	15-Oct-2004	1-Jul-2004
8158678	7648697	7550134	7560098	7235587
17-Apr-2012	19-Jan-2010	23-Jun-2009	14-Jul-2009	26-Jun-2007
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.
PHOTOABSORBING, HIGHLY CONJUGATED COMPOUNDS OF CYANOACRYLIC ESTERS, SUNSCREEN COMPOSITIONS AND METHODS OF USE	COMPOUNDS DERIVED FROM POLYANHYDRIDE RESINS WITH FILM-FORMING, UV-ABSORBING, AND PHOTOSTABLIZING PROPERTIES, COMPOSITIONS CONTAINING SAME, AND METHODS OF USING THE SAME	COMPOUNDS DERIVED FROM POLYANHYDRIDE RESINS WITH FILM-FORMING, UV-ABSORBING, AND PHOTOSTABLIZING PROPERTIES, COMPOSITIONS CONTAINING SAME, AND METHODS OF USING THE SAME	COMPOUNDS DERIVED FROM POLYANHYDRIDE RESINS WITH FILM-FORMING, UV-ABSORBING, AND PHOTOSTABLIZING PROPERTIES, COMPOSITIONS CONTAINING SAME, AND METHODS OF USING THE SAME	DIESTERS CONTAINING TWO CRYLENE OR FLUORENE MOIETIES, SUNSCREEN COMPOSITIONS CONTAINING THE SAME, AND METHODS OF PHOTOSTABILIZING A SUNSCREEN COMPOSITIONS CONTAINING THE SAME

USA	USA	USA	USA	USA	USA	USA
12/260278	12/205546	12/163222	12/022758	11/891280	11/891281	11/491205
29-Oct-2008	5-Sep-2008	27-Jun-2008	30-Jan-2008	9-Aug-2007	9-Aug-2007	21-Jul-2006
7713519	7915330	7964245	7588702	7776614	7597825	7799317
11-May-2010	29-Mar-2011	21-Jun-2011	15-Sep-2009	17-Aug-2010	6-Oct-2009	21-Sep-2010
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.
METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	PHOTOSTABILIZING SILICONE FLUIDS	UV-ABSORBING AND PHOTOSTABILIZING POLYMER	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	TEST METHOD FOR DETERMINING COMPOUNDS CAPABLE OF QUENCHING ELECTRONIC SINGLET STATE EXCITATION OF PHOTOACTIVE COMPOUNDS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	NOVEL PHOTOSTABILIZERS, UV ABSORBERS, AND METHODS, OF PHOTOSTABILIZING COMPOSITIONS

	USA 12/840158 20-Jul-2010 7959834 14-Jun-2011 H	USA 12/554329 4-Sep-2009 8133477 13-Mar-2012 In	USA 12/533598 31-Jul-2009 8070989 6-Dec-2011 H	USA 12/432450 29-Apr-2009 8263050 11-Sep-2012 In	USA 12/432542 29-Apr-2009 8075808 13-Dec-2011 In	USA 12/290732 3-Nov-2008 7754191 13-Jul-2010 H
	959834	133477	)70989	263050	)75808	754191
	14-Jun-2011	13-Mar-2012	6-Dec-2011	11-Sep-2012	13-Dec-2011	13-Jul-2010
	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.
METHODS	ALKOXYCRYLENE/METAL OXIDE PHOTOSTABILIZED PHOTOACTIVE COMPOSITIONS AND	DISPERSIONS OF INORGANIC PARTICULATES CONTAINING ALKOXYCRYLENE	PHOTOSTABILIZATION OF RETINOIDS WITH ALKOXYCRYLENE COMPOUNDS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS	METHOD OF QUENCHING ELECTRONIC EXCITATION OF CHROMOPHORE-CONTAINING ORGANIC MOLECULES IN PHOTOACTIVE COMPOSITIONS

USA	USA	USA	USA	USA	
14/229590	61/883848	13/963865	61/862900	13/805168	
28-Mar-2014	27-Sep-2013	9-Aug-2013	6-Aug-2013	3-Dec-2012	
		9145383			
		29-Sep-2015			
HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
METHOD OF FORMULATING A PERSONAL CARE PRODUCT WITH SUBSTANTIALLY NO WHITENING EFFECT WHEN APPLIED ON WET SKIN AND COMPOSITIONS THEREOF	METHOD OF FORMULATING A SUNSCREEN THAT APPLIES CLEAR AND REMAINS CLEAR ON WET SKIN AND COMPOSITIONS THEREOF	COMPOSITIONS, APPARATUS, SYSTEMS, AND METHODS FOR RESOLVING ELECTRONIC EXCITED STATES	ARYL SUBSTITUTED PROPENOIC AMIDES AND ESTERS	METHOD OF QUENCHING SINGLET AND TRIPLET EXCITED STATES OF PIGMENTS, SUCH AS PORPHYRIN COMPOUNDS, PARTICULARLY PROTOPORPHYRIN IX, WITH CONJUGATED FUSED TRICYCLIC COMPOUNDS HAVE ELECTRON WITHDRAWING GROUPS, TO REDUCE GENERATION OF REACTIVE OXYGEN SPECIES, PARTICULARLY SINGLET OXYGEN	DERIVATIVES, E.G., AVOBENZONE, WITH CYANO- CONTAINING FUSED TRICYCLIC COMPOUNDS

HallStar Innovations Corp.
HallStar Innovations Corp.
4-Apr-2017 HallStar Innovations Corp.
19-Sep-2017 HallStar Innovations Corp.
HallStar Innovations Corp.
HallStar Innovations Corp.
HallStar Innovations Corp.
13-Sep-2016 HallStar Innovations Corp.

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USA	USA	USA	USA	USA	
10/375,522	09/592,026	62/549859	15/644611	62/492906	
27-Feb-2003	12-Jun-2000	24-Aug-2017	7-Jul-2017	1-May-2017	
6,992,133	6,210,658				
31-Jan-2006	3-Apr-2001				
CPH Innovations	CPH Innovations	HallStar Innovations Corp.	HallStar Innovations Corp.	HallStar Innovations Corp.	
LOW VOC, COATING COMPOSITIONS HAVING IMPROVED FLEXIBILITY AND IMPACT RESISTNACE BASED ON NONLINEAR, LOW-MOLECULAR WEIGHT	STABLE SUNSCREEN COMPOSITION COMPOSITION COMPOUND, E.G., BARIUM COMPOUND, E.G., BARIUM SULFATE, A DIBENZOYLMETHANE DERIVATIVE, E.G., BUTYL METHOXY DIBENZOYLMETHANE (AVOBENZONE), AND A METHOXY CINNAMATE DERIVATIVE, E.G., OCTYL METHOXY CINNAMATE	WEARABLE UV EXPOSURE SENSOR	PHOTOSTABLE COMPOSITIONS COMPRISING PARA-ALKOXYL PHENYL SUBSTITUTED PROPENOIC ACID (APP) COPOLYMER DERIVATIVES	METHODS AND SYSTEMS FOR QUANTITATIVELY MEASURING PHOTOPROTECTION	DERIVATIVES

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