

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM448324

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
HESKA CORPORATION		07/27/2017	Corporation: DELAWARE
DIAMOND ANIMAL HEALTH, INC.		07/27/2017	Corporation: IOWA
HESKA IMAGING, LLC		07/27/2017	Limited Liability Company: DELAWARE

RECEIVING PARTY DATA

Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	Commercial Banking, 1125 17th Street, 3rd Floor
City:	Denver
State/Country:	COLORADO
Postal Code:	80202
Entity Type:	National Banking Association: UNITED STATES

PROPERTY NUMBERS Total: 21

Property Type	Number	Word Mark
Registration Number:	2913428	IMMUCHECK
Registration Number:	3753400	ERD
Registration Number:	3509683	HEMATRUE
Registration Number:	3538197	HESKAVIEW INTEGRATED SOFTWARE
Registration Number:	2494527	HESKA
Registration Number:	2655214	HESKA
Registration Number:	2177633	HESKA
Registration Number:	2948416	HESKA
Registration Number:	2474543	HESKA
Registration Number:	3336031	HESKA
Registration Number:	2628459	HESKA
Registration Number:	2623862	HESKA
Registration Number:	2530646	ALLERCEPT
Registration Number:	2509741	SOLO STEP
Registration Number:	2454228	VET/SENSOR
Registration Number:	3908910	VITALPATH

OP \$540.00 2913428

TRADEMARK

Property Type	Number	Word Mark
Registration Number:	4318224	ELEMENT DC
Registration Number:	4851518	ELEMENT I
Registration Number:	4550666	ELEMENT POC
Registration Number:	4849883	ELEMENT HT5
Registration Number:	1917148	DIAMOND

CORRESPONDENCE DATA

Fax Number: 8446706009
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: 313-223-3098
Email: nzemgulis@dickinsonwright.com
Correspondent Name: M. Katherine VanderVeen
Address Line 1: 500 Woodward Avenue
Address Line 2: Suite 4000
Address Line 4: Detroit, MICHIGAN 48226

ATTORNEY DOCKET NUMBER:	7-7705
NAME OF SUBMITTER:	M. Katherine Vanderveen
SIGNATURE:	/M. Katherine VanderVeen/
DATE SIGNED:	10/24/2017

Total Attachments: 18
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PATENT AND TRADEMARK SECURITY AGREEMENT

THIS PATENT AND TRADEMARK SECURITY AGREEMENT (this "*Agreement*") is entered into as of July 27, 2017 by Heska Corporation, a Delaware corporation, Diamond Animal Health, Inc., an Iowa corporation, and Heska Imaging, LLC, a Delaware limited liability company (each a "Grantor", and collectively, the "*Grantors*"), in favor of JPMorgan Chase Bank, N.A., in its capacity as administrative agent (the "*Administrative Agent*") for the lenders party to the Credit Agreement referred to below.

Recitals

A. The Grantors, the lenders party thereto, and the Administrative Agent are entering into a Credit Agreement dated as the date hereof (as it may be amended, restated, supplemented or otherwise modified from time to time, the "*Credit Agreement*").

B. In connection with the Credit Agreement, the Grantors are entering into that certain Pledge and Security Agreement dated as of the date hereof (as amended or modified from time to time, the "*Security Agreement*") with the Administrative Agent. All capitalized terms used but not defined herein shall have the respective meanings ascribed thereto in the Security Agreement.

C. Pursuant to the terms of the Security Agreement, each Grantor pledged, assigned, and granted to the Administrative Agent, on behalf of and for the ratable benefit of the Lenders, a first-priority security interest (subject to Permitted Liens (as defined in the Credit Agreement)) in substantially all of the assets of such Grantor, including all right, title, and interest of such Grantor in, to, and under all now owned and hereafter acquired Patents, patent applications, patent licenses, Trademarks, trademark applications, and trademark licenses, and all products and proceeds thereof, to secure the prompt and complete payment and performance of the Secured Obligations as (defined in the Credit Agreement).

D. Pursuant to the terms of the Security Agreement, the Grantors are required to execute and deliver to the Administrative Agent, for the ratable benefit of the Lenders, this Agreement.

Agreement

In consideration of the recitals set forth above and the mutual agreements contained herein and in the Credit Agreement and other Loan Documents, each Grantor hereby grants to the Administrative Agent, for the benefit of the Lenders, to secure the Secured Obligations, a continuing security interest in all of such Grantor's right, title, and interest in, to, and under the following, whether now owned by or owing to, or hereafter acquired by or arising in favor of such Grantor (including any trade name or derivations thereof):

- (1) each trademark and trademark application, including without limitation, each trademark and trademark application referred to in Schedule 1 attached hereto, together with any reissues, continuations, or extensions thereof and all goodwill associated therewith;

- (2) each trademark license, including without limitation, each trademark license listed on Schedule 1 attached hereto, together with all goodwill associated therewith;
- (3) all products and proceeds of the foregoing, including without limitation, any claim by the Grantor against third parties for past, present, or future infringement of any trademark, including without limitation, any trademark referred to in Schedule 1 attached hereto, any trademark issued pursuant to a trademark application referred to in Schedule 1, and any trademark licensed under any trademark license listed on Schedule 1 attached hereto (items 1 through 3 being herein collectively referred to as the “Trademark Collateral”);
- (4) each patent and patent application, including without limitation, each patent referred to in Schedule 2 attached hereto, together with any reissues, continuations, or extensions thereof and all goodwill associated therewith;
- (5) each patent license, including without limitation, each patent license listed on Schedule 2 attached hereto, together with all goodwill associated therewith;
- (6) all products and proceeds of the foregoing, including without limitation, any claim by the Grantor against third parties for past, present, or future infringement of any patent, including without limitation, any patent referred to in Schedule 2 attached hereto, any patent issued pursuant to a patent application, and any patent licensed under any patent license listed on Schedule 2 attached hereto (items 4 through 6 being herein collectively referred to as the “Patent Collateral”).

The security interests granted to the Administrative Agent herein are granted in furtherance, and not in limitation of, the security interests granted to the Administrative Agent pursuant to the Security Agreement; provided, however, that nothing in this Agreement shall expand, limit, or otherwise modify the security interests granted in the Security Agreement. Each Grantor acknowledges and affirms that the rights and remedies of the Administrative Agent with respect to the security interest in the Trademark Collateral and the Patent Collateral made and granted hereby are more fully set forth in the Credit Agreement and the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Security Agreement, the terms of the Security Agreement shall govern.

This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract.

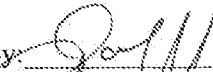
This Agreement shall be governed by, and construed in accordance with, the internal laws (and not the law of conflicts) of the State of New York, but giving effect to federal laws applicable to national banks.

[Signature page follows]

IN WITNESS WHEREOF, the Grantors have executed this Agreement as of the date first set forth above.

GRANTORS:

HESKA CORPORATION
DIAMOND ANIMAL HEALTH, INC.
HESKA IMAGING, LLC

By:  _____

Name: John McMahon

Title: Chief Financial Officer of each of the above, on behalf of each of the above

Signature Page to Patent and Trademark Security Agreement

TRADEMARK
REEL: 006188 FRAME: 0639

JPMORGAN CHASE BANK, N.A.,
as Administrative Agent

By: Monica Popowczak
Name: Monica Popowczak
Title: Authorized Officer

Signature Page to Patent and Trademark Security Agreement

TRADEMARK
REEL: 006188 FRAME: 0640

SCHEDULE 1
to
PATENT AND TRADEMARK SECURITY AGREEMENT
TRADEMARKS

See attached.

TRADEMARK APPLICATIONS

See attached.

HESKA FILE NUMBER	COUNTRY	TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	APPLICATION NUMBER	FILING DATE	CLASS(ES)	STATUS
2618-105	USA	IMMUCHECK	2,913,428	12/21/2004	75,912,501	2/6/2006	42	REGISTERED
2618-105-CTM	European Union	IMMUCHECK	0026885154	12/11/2003	0026885154	4/3/2002	05, 42, 44	REGISTERED
2618-117-CH	Switzerland	E-SCREEN	493,504	7/1/2002	252520.1	10/27/2000	10	REGISTERED
2618-117-CTM	European Union	E-SCREEN	001933282	7/25/2003	001933282	10/27/2000	10	REGISTERED
2618-117-NO	Norway	E-SCREEN	2,121,29	12/6/2001	2000,13104	10/26/2000	10	REGISTERED
2618-122-JP	Japan	HESKA in Kakana	4624176	11/22/2002	2001-112687	12/19/2001	05, 10, 42	REGISTERED
2618-123-HK	Hong Kong	TRI-HEART	300680554	7/13/2006	300580554	2/14/2006	05	REGISTERED
2618-123-KR	South Korea	TRI-HEART	40-0685701	11/15/2005	40-2006-0011110	3/3/2006	05	REGISTERED
2618-123-TH	Thailand	TRI-HEART	TM269052	10/16/2007	619166	2/28/2006	05	REGISTERED
2618-123-TW	Taiwan	TRI-HEART	1233979	11/11/2005	95006936	2/15/2006	05	REGISTERED
2618-123-TW-1	Taiwan	TRI-HEART	1418709	7/16/2010	98047611	10/28/2009	05	REGISTERED
2618-130-AU	Australia	E.R.D.-HEALTHSCREEN	953376	6/28/2004	953376	5/12/2003	10	REGISTERED
2618-130-CA	Canada	E.R.D.-HEALTHSCREEN	TMA651,278	10/24/2005	1177640	5/12/2003	10	REGISTERED
2618-130-JP-1	Japan	ERD -HEALTHSCREEN w/ Kakana	5141567	6/13/2008	2006-100052	10/27/2006	10	REGISTERED
2618-136-2	USA	ERD	3,753,400	2/23/2010	78,981,276	2/23/2010	44	REGISTERED
2618-142	USA	HEMATRUE	3,509,683	9/30/2008	77,243,946	9/1/2007	05, 10	REGISTERED
2618-142-CA	Canada	HEMATRUE	TMA741650	9/9/2009	1,385,154	3/4/2008	05	REGISTERED
2618-143	USA	HESKAVIEW INTEGRATED SOFTWARE	3,538,197	11/25/2008	77,273,509	9/7/2007	09	REGISTERED
2618-143-CA	Canada	HESKAVIEW INTEGRATED SOFTWARE	TMA746550	8/31/2009	1,380,774	1/25/2008	09	REGISTERED
2618-41	USA	HESKA	2,494,527	10/2/2001	75,034,381	12/19/1995	05, 42	REGISTERED
2618-41-1	USA	HESKA	2,655,214	12/3/2002	75,420,172	1/20/1998	05	REGISTERED
2618-41-2	USA	HESKA	2,177,633	7/28/1998	75,977,369	12/19/1995	42	REGISTERED
2618-41-3	USA	HESKA	2,948,416	5/10/2005	76,144,611	10/10/2000	05	REGISTERED
2618-41-4	USA	HESKA	2,474,543	7/31/2001	75,980,370	1/20/1998	10	REGISTERED
2618-41-5	USA	HESKA	3,336,031	11/13/2007	78,531,927	12/13/2004	05	REGISTERED
2618-41-AU	Australia	HESKA	702979	5/29/1997	702979	2/23/1996	05	REGISTERED
2618-41-AU-1	Australia	HESKA	732620	2/9/1998	732620	4/16/1997	42	REGISTERED
2618-41-AU-2	Australia	HESKA	732620	8/5/2002	890675	9/28/2001	10	REGISTERED
2618-41-BR	Brazil	HESKA	819225568	10/17/2000	819225568	5/10/1996	05	REGISTERED
2618-41-BR-2	Brazil	HESKA	830902880	6/17/2014	830902880	1/11/2011	10	REGISTERED
2618-41-CA	Canada	HESKA	TMA558,841	3/6/2002	805330	2/26/1996	05	REGISTERED
2618-41-CA-1	Canada	HESKA	TMA545,654	5/28/2001	842405	4/16/1997	42	REGISTERED
2618-41-CA-2	Canada	HESKA	TMA574,232	1/22/2003	1,096,586	3/20/2001	10, 31	REGISTERED
2618-41-CH	Switzerland	HESKA	444,805	9/22/1997	01478/1996	3/4/1996	05, 10	REGISTERED
2618-41-CH-1	Switzerland	HESKA	446,156	11/17/1997	03226/1997	4/24/1997	42	REGISTERED

U.S. and Foreign Registered Trademarks and Pending Trademark Applications owned solely by Heska Corporation
(as of June 12, 2017)

HESKA FILE NUMBER	COUNTRY	TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	APPLICATION NUMBER	FILING DATE	CLASSES	STATUS
2618-41-CN	China	HESKA	1068630	8/7/1997	960038820	3/2/1996	05	REGISTERED
2618-41-CN-2	China	HESKA	1906801	9/7/2002	2001056270	4/11/2001	05	REGISTERED
2618-41-CN-3	China	HESKA	2015580	9/21/2002	2001056271	4/11/2001	42	REGISTERED
2618-41-CO	Colombia	HESKA	218815	7/9/1999	98056943	9/30/1998	05	REGISTERED
2618-41-CTM	European Union	HESKA	35065	9/6/1999	35055	4/1/1995	05	REGISTERED
2618-41-CTM-1	European Union	HESKA	521740	12/14/1998	521740	4/16/1997	42	REGISTERED
2618-41-HK-3	Hong Kong	HESKA	200200488AA	12/4/2000	200200486AA	12/4/2000	05, 10, 42	REGISTERED
2618-41-JP	Japan	HESKA	4638818	1/25/2003	8-32003	3/25/1996	05	REGISTERED
2618-41-JP-1	Japan	HESKA	4215403	11/27/1998	9-120112	5/23/1997	42	REGISTERED
2618-41-KR	South Korea	HESKA	40-0714521	6/21/2007	40-2008-0011109	3/3/2006	10	REGISTERED
2618-41-MX-4	Mexico	HESKA	1260578	1/16/2012	1146885	1/11/2011	05	REGISTERED
2618-41-NO	Norway	HESKA	197881	6/9/1998	961270	3/27/1986	05	REGISTERED
2618-41-NO-1	Norway	HESKA	187509	12/18/1997	973116	4/17/1997	42	REGISTERED
2618-41-NZ	New Zealand	HESKA	259206	7/30/1998	259206	2/26/1996	05	REGISTERED
2618-41-NZ-2	New Zealand	HESKA	708642	2/25/2004	708642	2/25/2004	44	REGISTERED
2618-41-SG	Singapore	HESKA	196102766Z	12/19/1995	196102766Z	3/22/1996	05	REGISTERED
2618-41-SG-1	Singapore	HESKA	19706550H	6/8/1997	19706550H	5/8/1997	42	REGISTERED
2618-41-TH	Thailand	HESKA	269424	10/22/2007	619165	2/28/2006	05	REGISTERED
2618-41-TW	Taiwan	HESKA	756827	4/18/1997	8519563	2/29/1996	05	REGISTERED
2618-41-TW-1	Taiwan	HESKA	097332	1/31/1998	86119642	4/1/1997	42	REGISTERED
2618-51-1	USA	HESKA AND DESIGN	2,628,459	10/1/2002	751891883	10/30/1996	05, 42	REGISTERED
2618-51-1	USA	HESKA AND DESIGN	2,623,862	9/24/2002	761221281	3/7/2001	10	REGISTERED
2618-51-AU	Australia	HESKA AND DESIGN	730379	1/30/1998	730379	3/20/1997	05, 42	REGISTERED
2618-51-AU-1	Australia	HESKA AND DESIGN	890674	5/8/2002	890674	9/28/2001	10	REGISTERED
2618-51-BR-1	Brazil	HESKA AND DESIGN	819854926	12/14/1999	81985496	4/30/1997	44	REGISTERED
2618-51-CA	Canada	HESKA AND DESIGN	TMA559361	4/3/2002	840115	3/21/1997	05, 42	REGISTERED
2618-51-CA-1	Canada	HESKA AND DESIGN	TMA574233	1/22/2003	1096585	3/20/2001	10, 31	REGISTERED
2618-51-CH	Switzerland	HESKA AND DESIGN	445463	10/22/1997	267711997	4/7/1997	05, 10, 42	REGISTERED
2618-51-CN-2	China	HESKA AND DESIGN	1906799	9/21/2002	2001055260	4/11/2001	05	REGISTERED
2618-51-CN-3	China	HESKA AND DESIGN	2015583	9/21/2002	2001055261	4/11/2001	42	REGISTERED
2618-51-CTM	European Union	HESKA AND DESIGN	494021	11/4/1998	494021	3/20/1997	05, 42	REGISTERED
2618-51-HK-3	Hong Kong	HESKA AND DESIGN	200106759AA	12/4/2000	200106759AA	12/4/2000	05, 10, 42	REGISTERED
2618-51-JP	Japan	HESKA AND DESIGN	4638819	1/25/2003	9-111471	4/25/1997	05	REGISTERED
2618-51-JP-1	Japan	HESKA AND DESIGN	4215387	11/27/1998	9-111472	4/25/1997	42	REGISTERED
2618-51-NO	Norway	HESKA AND DESIGN	200166	11/11/1989	19972383	3/21/1997	05, 42	REGISTERED
2618-51-NZ	New Zealand	HESKA AND DESIGN	274355	10/30/1996	274355	3/20/1997	05	REGISTERED
2618-51-NZ-1	New Zealand	HESKA AND DESIGN	274356	10/30/1996	274356	3/20/1997	42	REGISTERED
2618-51-TW	Taiwan	HESKA AND DESIGN	816354	9/18/1998	86917443	4/11/1997	05	REGISTERED

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HESKA FILE NUMBER	COUNTRY	TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	APPLICATION NUMBER	FILING DATE	CLASS(ES)	STATUS
2618-51-TW-1	Taiwan	HESKA AND DESIGN	087209	1/1/1998	(86)17444	4/1/1997	42	REGISTERED
2618-51-VE	Venezuela	HESKA AND DESIGN	P-213 369	6/6/1999	5 952/97	4/1/1997	05	REGISTERED
2618-51-VE-1	Venezuela	HESKA AND DESIGN	S-10 293	6/6/1999	5 953/97	4/1/1997	42	REGISTERED
2618-63	USA	ALLERCEPT	2 612 937	6/27/2002	75/325 290	7/15/1997	05	REGISTERED
2618-63-2	USA	ALLERCEPT	2 530 846	1/15/2002	75/680 372	7/15/1997	42	REGISTERED
2618-63-AU	Australia	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-63-CA	Canada	ALLERCEPT			1631209	6/14/2013	05 44	REGISTERED
2618-63-CH	Switzerland	ALLERCEPT	501047	7/19/2002	8557/2001	8/30/2001	05 44	REGISTERED
2618-63-CN	China	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-63-CTM	European Union	ALLERCEPT	620138	11/18/1999	620138	8/29/1997	05 42	REGISTERED
2618-63-JP	Japan	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-63-MX	Mexico	ALLERCEPT	1546775	6/15/2015	1190788	6/16/2013	05 44	REGISTERED
2618-63-NO	Norway	ALLERCEPT	212 574	12/27/2001	2001 10495	8/31/2001	05 42	REGISTERED
2618-63-NZ	New Zealand	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-63-PL	Poland	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-63-RU	Russia	ALLERCEPT	1190788	6/14/2015	1190788	6/16/2013	44	REGISTERED
2618-63-SG	Singapore	ALLERCEPT			1190788	6/16/2013	05 44	PENDING
2618-63-KR	South Korea	ALLERCEPT	1190788	6/16/2013	1190788	6/16/2013	05 44	REGISTERED
2618-76-3	USA	SOLO STEP	2 509 741	11/20/2001	76/169 305	11/21/2000	10	REGISTERED
2618-76-3-CA	Canada	SOLO STEP	TMAG36,108	3/24/2005	1136071	5/7/2002	10	REGISTERED
2618-76-JP	Japan	SOLO STEP	4406804	9/4/2000	11 86921	9/29/1999	10	REGISTERED
2618-76-JP-1	Japan	SOLO STEP w/ katakana	4464194	2/15/2001	2000-24733	3/14/2000	05 10	REGISTERED
2618-96	USA	VET/SENSOR	2 454 228	5/22/2001	75/612 052	12/21/1998	10	REGISTERED
2618-170	USA	VITALPATH	3 908 910	1/18/2011	77/630223	9/18/2009	10	REGISTERED
2618-170-CA	CANADA	VITALPATH	841 936	1/13/2013	1 478 308	3/16/2010	10	REGISTERED
2618-207	USA	ELEMENT DC	4 318 224	4/9/2013	85/501 345	12/21/2011	10	REGISTERED
2618-209	USA	ELEMENT I	4 851 518	11/10/2015	85/531 712	2/2/2012	10	REGISTERED
2618-213	USA	ELEMENT POC	4 560 666	6/17/2014	86/062 771	9/12/2013	10	REGISTERED
2618-215	USA	ELEMENT HTS	4 849 883	11/10/2015	86/548 170	2/27/2015	05 10	REGISTERED
2618-215-AU	Australia	ELEMENT HTS	1728208	1/28/2016	1268876	10/15/2015	05 10	REGISTERED
2618-215-CH	Switzerland	ELEMENT HTS	1268876	3/25/2017	1268876	10/16/2015	05 10	REGISTERED
2618-215-CTM	European Union	ELEMENT HTS	1268876	8/17/2016	1268876	10/16/2015	05 10	REGISTERED
2618-215-NO	Norway	ELEMENT HTS	1268876	9/16/2016	1268876	10/15/2015	05 10	REGISTERED
2618-215-NZ	New Zealand	ELEMENT HTS	1029762	1/3/2016	1268876	10/15/2015	05 10	PENDING
100014US0	USA	DIAMOND AND DESIGN	1917148	9/5/1985	74-491,987	2/19/1984	5	REGISTERED

SCHEDULE 2
to
PATENT AND TRADEMARK SECURITY AGREEMENT

PATENTS

See attached.

PATENT APPLICATIONS

None.

DETROIT 7-7705 1429701v1

U.S. Issued Patents owned solely by Heska Corporation
(as of June 12, 2017)

HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILE DATE	U.S. PATENT NUMBER	ISSUE DATE	STATUS
2618-17-C2-PUS-1	Ectoparasite Saliva Proteins	10/271,344	10/14/2002	7,166,693 B2	1/23/2007	ISSUED
2618-17-C5-PUS-1	Ectoparasite Saliva Proteins and Apparatus to Collect Such Proteins	09/004,730	1/8/1998	6,485,968 B1	11/26/2002	ISSUED
2618-25-C1-2	Flea Protease Proteins, Nucleic Acid Molecules and Uses Thereof	08/485,443	6/7/1995	6,146,870	11/14/2000	ISSUED
2618-25-C6	Flea Protease Proteins, Nucleic Acid Molecules and Uses Thereof	09/032,215	2/27/1998	6,204,010 B1	3/20/2001	ISSUED
2618-43-1-1	Anti-Parasitic Helminth Macrophage Migration Inhibitory Factor Antibodies and Uses Thereof	09/774,377	1/30/2001	6,455,039 B2	9/24/2002	ISSUED
2618-45-2	Antiparasitic Helminth Larval Thiol Specific Antioxidant Antibodies and Uses Thereof	09/477,510	1/4/2000	6,489,448 B1	12/3/2002	ISSUED
AD-1	Canine COX-2 Nucleic Acid Molecules and Uses Thereof	09/919,060	7/31/2001	6,638,744 B2	10/28/2003	ISSUED
AD-1-3	Canine COX-2 Proteins and Uses Thereof	12/352,511	1/12/2009	7,666,641	2/23/2010	ISSUED
AL-2-C3	Dermatophagoides Nucleic Acid Molecules, Proteins and Uses Thereof	09/292,225	4/15/1999	6,455,686 B1	9/24/2002	ISSUED
AL-2-C3-1	Novel Dermatophagoides Proteins and Uses Thereof	10/218,743	8/13/2002	7,256,263 B2	8/14/2007	ISSUED
AL-2-C4	Novel Dermatophagoides Proteins and Uses Thereof	09/662,293	9/14/2000	7,128,921 B1	10/31/2006	ISSUED
AL-2-C4-1	Novel Dermatophagoides Proteins and Uses Thereof	11/506,444	8/18/2006	7,891,187	9/15/2009	ISSUED
AL-4	Feline Immunoglobulin E Molecules and Compositions Thereof	09/479,614	1/7/2000	6,573,372 B2	6/3/2003	ISSUED
AL-4-1	Feline Immunoglobulin E Molecules and Related Methods	10/409,772	4/7/2003	7,183,386 B2	2/27/2007	ISSUED
AL-5	Canine Low Affinity Ige Receptor (CD23) Nucleic Acid Molecules and Uses Thereof	09/535,521	3/24/2000	6,410,714 B1	6/25/2002	ISSUED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILE DATE	U.S. PATENT NUMBER	ISSUE DATE	STATUS
AL-7	Compositions and Methods Related to Canine IgG and Canine IL-13 Receptor	09/828,995	4/9/2001	6,703,360 B2	3/9/2004	ISSUED
AL-7-1	Canine IL-13 Receptor Alpha-1 Subunit Nucleic Acid Molecules	10/753,159	1/7/2004	7,378,275 B2	5/27/2008	ISSUED
AS-1	Detection of Anti-FcEpsilonR Autoantibodies in Asthmatics	08/985,863	12/5/1997	6,165,799	12/26/2000	ISSUED
DE-1	Delivery Method for Recombinant Raccoon Poxvirus	09/018,798	2/4/1998	6,106,841	8/22/2000	ISSUED
DE-3-C2-PUS-1	Cationic Lipid-Mediated Enhancement of Nucleic Acid Immunization of Cats	10/864,903	6/9/2004	7,314,627 B2	1/1/2008	ISSUED
DE-3-C2-PUS-2	Cationic Lipid-Mediated Enhancement of Nucleic Acid Immunization of Cats	11/866,558	10/3/2007	8,029,776 B2	10/4/2011	ISSUED
DI-13-C2	Methods for Detecting Early Renal Disease in Animals	10/112,648	3/28/2002	7,172,873 B2	2/6/2007	ISSUED
DI-13-C2-1	Methods of Detecting Early Renal Disease in Animals	11/627,784	1/26/2007	7,935,495 B2	5/3/2011	ISSUED
DI-4	Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules and Uses Thereof	09/015,734	1/29/1998	6,057,127	5/2/2000	ISSUED
DI-4-1	Equine Fc Epsilon Receptor Alpha Chain Proteins and Uses Thereof	09/515,311	2/29/2000	6,582,701 B1	6/24/2003	ISSUED
DI-4-2	Anti-Equine Fc Epsilon Receptor Alpha Chain Antibodies and Method to Detect IgE	10/434,817	5/8/2003	6,887,672 B2	5/3/2005	ISSUED
DI-4-3	Equine Fc Epsilon Receptor Alpha Chain	11/086,903	3/21/2005	7,226,996 B2	6/5/2007	ISSUED
DI-6-C1	Haemobartonella PCR Methods and Materials	09/398,577	9/17/1999	6,518,020 B1	2/11/2003	ISSUED
DI-7-C1	PCR Methods and Materials	09/398,179	9/17/1999	6,300,072 B1	10/9/2001	ISSUED
EQ-2	Intranasal Delivery System	09/408,584	9/29/1999	6,398,774 B1	6/4/2002	ISSUED
EQ-2-C1-PUS	Intranasal Delivery System	10/089,224	3/27/2002	7,204,822 B1	4/17/2007	ISSUED
EQ-2-C1-PUS-1	Equine Intranasal Delivery System	10/941,727	9/15/2004	7,678,087 B2	3/16/2010	ISSUED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILE DATE	U.S. PATENT NUMBER	ISSUE DATE	STATUS
FC-11-PUS-1	Flea Octopamine Receptor Nucleic Acid Molecules, Proteins and Uses Thereof	12/200,456	8/28/2008	7,932,371 B2	4/26/2011	ISSUED
FC-2-1	Serine Protease Inhibitor Nucleic Acid Molecules and Uses Thereof	09/005,352	1/9/1998	6,479,253 B1	11/12/2002	ISSUED
FC-3	Novel Flea Epoxide Hydrolase Nucleic Acid Molecules, Proteins and Uses Thereof	08/989,510	12/12/1997	6,037,160	3/14/2000	ISSUED
FC-3-C1	Flea Epoxide Hydrolase Nucleic Acid Molecules, Proteins and Uses Thereof	09/182,816	10/29/1998	6,143,542	11/7/2000	ISSUED
FC-3-C1-1	Flea Epoxide Hydrolase Proteins and Uses Thereof	09/471,528	12/27/1999	6,153,397	11/28/2000	ISSUED
FC-3-C1-2	Anti-Flea Epoxide Hydrolase Antibodies and Uses Thereof	09/634,530	8/8/2000	6,290,958 B1	9/18/2001	ISSUED
FC-4	Flea Ecdysone and Ultraaspiracle Nucleic Acid Molecules, Proteins and Uses Thereof	09/435,019	11/5/1999	6,489,140 B1	12/3/2002	ISSUED
FC-4-2	Flea Ultraaspiracle Nucleic Acid Molecules and Uses Thereof	10/855,541	5/27/2004	7,208,589 B2	4/24/2007	ISSUED
FC-4-3	Flea Ultraaspiracle Nucleic Acid Molecules	11/697,551	4/6/2007	7,667,019	2/23/2010	ISSUED
FC-5-C1	Flea Chitinase Nucleic Acid Molecules and	09/545,814	4/7/2000	6,416,977 B1	7/9/2002	ISSUED
FC-6-C1-C1-1	Flea Allantoinase Proteins and Uses Thereof	10/180,165	6/26/2002	6,905,682 B2	6/14/2005	ISSUED
FC-6-C2-2	Flea Peritrophin Nucleic Acid Molecules	11/778,533	7/16/2007	7,662,622 B2	2/16/2010	ISSUED
FC-7-PUS-1	Flea GABA Receptor Subunit Nucleic Acid Molecules	12/352,535	1/12/2009	8,268,976	9/18/2012	ISSUED
FC-8-C3-1	Flea Head, Nerve Cord, Hindgut and Method and Composition to Protect an	11/565,729	12/1/2006	8,088,903 B2	1/3/2012	ISSUED
FO-3-C1	Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	09/387,809	9/1/1999	6,203,825 B1	3/20/2001	ISSUED
HW-5-C1-1	Dirofilaria and Brugia Ankyrin Proteins and Uses Thereof	09/557,034	4/21/2000	6,365,569 B1	4/2/2002	ISSUED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILE DATE	U.S. PATENT NUMBER	ISSUE DATE	STATUS
HW-8	Parasitic Helminth Cuticlin Nucleic Acid Molecules and Uses Thereof	09/323,427	6/1/1999	6,248,329 B1	6/19/2001	ISSUED
HW-8-1	Parasitic Helminth Cuticlin Nucleic Acid Molecules and Uses Thereof	09/812,642	3/20/2001	6,368,600 B1	4/9/2002	ISSUED
HW-9	Parasitic Helminth DiAg2 Proteins, Nucleic Acid Molecules, and Uses Thereof	09/361,434	7/27/1999	6,136,963	10/24/2000	ISSUED
HW-9-1	Parasitic Helminth DiAg2 Proteins and Uses Thereof	09/635,025	8/4/2000	6,392,017 B1	5/21/2002	ISSUED
IM-1-C1-PUS-1	Canine and Feline B7-2 Proteins, Compositions and Uses Thereof	10/790,396	3/1/2004	7,053,181 B2	5/30/2006	ISSUED
IM-2-C1-1	Canine IL-4 Nucleic Acid Molecules and Uses Thereof	10/218,654	8/13/2002	7,078,506 B2	7/18/2006	ISSUED
IM-2-C1-2	Feline Granulocyte Macrophage Colony	11/486,995	7/14/2006	7,780,959 B2	8/24/2010	ISSUED
IM-2-C1-3	Feline Granulocyte Macrophage Colony Stimulating Factor Nucleic Acid Molecules	12/819,964	6/21/2010	8,263,559	9/11/2012	ISSUED
IM-2-C1-C1-1	Canine IL-5 Nucleic Acid Molecules	10/787,382	2/24/2004	7,183,080 B2	2/27/2007	ISSUED
IM-2-C1-C1-2	Canine IL-5 Proteins and Fragments Thereof	11/561,562	11/20/2006	7,427,661 B2	9/23/2008	ISSUED
IM-2-C1-R	Canine IL-4 Immunoregulatory Proteins and Uses Thereof	10/916,286	8/11/2004	RE39,614 E (Reissue)	05/08/2007 (10/29/2002)	ISSUED
IM-2-C2-1	Canine IL-13 Nucleic Acid Molecules and Uses Thereof	10/262,439	9/30/2002	7,026,139 B2	4/11/2006	ISSUED
IM-2-C2-R	Canine IL-13 Immunoregulatory Proteins and Uses Thereof	10/918,292	8/13/2004	RE40,374 E (Reissue)	06/10/2008 (11/19/2002)	ISSUED
IM-5-1	Feline IL-12 Single Chain Nucleic Acid Molecules	10/821,670	4/9/2004	7,205,143 B2	4/17/2007	ISSUED
IM-5-3	Feline IL-18 Nucleic Acid Molecules	12/128,440	5/28/2008	7,928,197 B2	4/19/2011	ISSUED
IN-1-C5	Electrode for Evaluating Cardiac Functions Via Esophagus	09/513,737	2/22/2000	6,438,400 B1	8/20/2002	ISSUED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILE DATE	U.S. PATENT NUMBER	ISSUE DATE	STATUS
IX-1-C2	Methods for the Detection of Encysted Parasites	09/216,393	12/18/1998	6,514,694 B2	2/4/2003	ISSUED
IX-1-C2-1	Methods for the Detection of Encysted Parasites	10/321,856	12/17/2002	7,052,899 B2	5/30/2006	ISSUED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILING DATE	GRANTED PATENT NUMBER	ISSUE DATE	STATUS
AL-2-C3-PAU	Novel Dermatophagoides Nucleic Acid Molecules, Proteins and Uses Thereof	36521/99	4/16/1999	762249	10/2/2003	GRANTED
DI-13-C2-PEP	Methods of Detecting Early Renal Disease in Animals	02733963.9	3/28/2002	02733963.9	12/16/2009	GRANTED
DI-1-CH	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-DE	Method to Detect IgE	97949625.4	11/24/1997	69723860.1-08	7/30/2003	GRANTED
DI-1-DK	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-ES	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-FR	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-GB	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-JE	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-IT	Method to Detect IgE	97949625.4	11/24/1997	0943097	7/30/2003	GRANTED
DI-1-PAU-1	Method to Detect IgE	57951/01	11/24/1997	769954	5/27/2004	GRANTED
DI-1-PCA	Method to Detect IgE	2.270.868	11/24/1997	2.270,868	1/24/2006	GRANTED
DI-1-PEP	Method to Detect IgE	97949625.4	11/24/1997	943097	7/30/2003	GRANTED
DI-1-RJP	Method to Detect IgE	10-526731	11/24/1997	3993245	8/3/2007	GRANTED
DI-2-PCA	Novel Feline FC Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	2,273,855	12/16/1997	2,273,855	5/27/2003	GRANTED
DI-4-BE	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-CH	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-DE	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	National no. to be assigned	7/14/2010	GRANTED
DI-4-DK	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILING DATE	GRANTED PATENT NUMBER	ISSUE DATE	STATUS
DI-4-ES	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	2348971	7/14/2010	GRANTED
DI-4-FI	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-FR	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-GB	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-IE	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-IT	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-NL	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-PAU	Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	25674/99	1/28/1999	746218	8/1/2002	GRANTED
DI-4-PCA	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	2,319,310	1/28/1999	2,319,310	5/24/2011	GRANTED
DI-4-PEP	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-PI	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	1051491	7/14/2010	GRANTED
DI-4-SE	Novel Equine Fc Epsilon Receptor Alpha Chain Nucleic Acid Molecules, Proteins and Uses Thereof	99905532.0	1/26/1999	99905532.0	7/14/2010	GRANTED
EO2-C1-PAU	Intranasal Delivery System	77376/00	9/29/2000	774757	10/28/2004	GRANTED
EO2-C1-PAU-1	Intranasal Delivery System	20044218666	10/7/2004	20044218666	12/14/2006	GRANTED
EO2-C1-PAU-2	Intranasal Delivery System	2006236004	11/14/2006	2006236004	6/26/2008	GRANTED
EO2-C1-PCA	Intranasal Delivery System	2,386,110	9/29/2000	2,386,110	5/30/2006	GRANTED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILING DATE	GRANTED PATENT NUMBER	ISSUE DATE	STATUS
EQ-2-C1-PCA-1	Intranasal Delivery System	2,541,848	9/29/2000	2,541,848	12/2/2008	GRANTED
EQ-2-C1-PCA-2	Intranasal Delivery System	2,640,663	9/25/2008	2,640,663	9/13/2011	GRANTED
FC-6-C1-PEP	Flea Head, Nerve Cord, Hindgut and Malpighian Tubule Nucleic Acid Molecules, Proteins and Uses Thereof	918540.6	4/7/2000	1169343	5/24/2006	GRANTED
FC-6-C2-PEP	Flea Peritrophin Nucleic Acid Molecules, Proteins and Uses Thereof	1977740.8	10/11/2001	1328662	9/8/2010	GRANTED
FO-3-C1-AI	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	E 243943	7/2/2003	GRANTED
FO-3-C1-DE	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED
FO-3-C1-ES	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED
FO-3-C1-FR	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED
FO-3-C1-GB	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED
FO-3-C1-IT	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED
FO-3-C1-NL	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED

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HESKA FILE NUMBER	TITLE	APPLICATION NUMBER	FILING DATE	GRANTED PATENT NUMBER	ISSUE DATE	STATUS
FO-3-C1-PAU	Method and Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	60252/99	9/1/1999	769669	5/13/2004	GRANTED
FO-3-C1-PCA	Method and Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	2,342,861	9/1/1999	2,342,861	6/9/2009	GRANTED
FO-3-C1-PEP	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	1109457	7/2/2003	GRANTED
FO-3-C1-SE	Method to Manufacture a Composition to Protect an Obligate Carnivore From a Disease of Abnormal Carbohydrate Metabolism	99968209.9	9/1/1999	01109457	7/2/2003	GRANTED

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