

## 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>
THE IAMS COMPANY	10/27/2015
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14798441
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<b>SIGNATURE:</b>	/Lisa D. Gentry/
<b>DATE SIGNED:</b>	09/14/2016
<b>Total Attachments: 9</b>	
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## ASSIGNMENT

WHEREAS, The IAMS Company (hereinafter "ASSIGNOR"), is the owner of the entire right, title and interest in U.S. Patents and U.S. Patent Applications as listed in Attachment A; and

WHEREAS, Mars, Incorporated, a corporation of Delaware, having an address of 6885 Elm Street, McLean Virginia 22101 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said U.S. Patents and U.S. Patent Applications as listed in Attachment A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE all of ASSIGNOR's right, title and interest in and to said U.S. Patents and U.S. Patent Applications as listed in Attachment A and any continuation, division, renewal, substitute, reissue, re-examination or any other application claiming priority thereto for the full term for which the same may be granted, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154 with respect thereto.

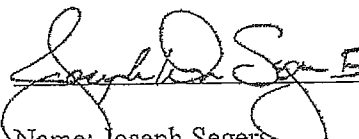
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to the listed U.S. Patents and U.S. Patent Applications and/or the inventions disclosed and claimed therein as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to maintain and enforce said U.S. Patents and U.S. Patent Applications as may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the undersigned has hereunto set hand and seal this

27<sup>th</sup> day of October, 2015.

THE IAMS COMPANY

  
Name: Joseph Segers

Title: Vice President

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Title	Patent Application Number	Filing Date	Publication Number	Patent Number	Issue Date
QUEEN'S MILK REPLACER	08/633,869	4/15/1996	-	5792501	8/11/1998
COMPOSITION AND METHOD FOR REPARTITIONING NITROGEN AND INCREASING COLONIC BLOOD FLOW IN DOGS TO PROMOTE INTESTINAL HEALTH	08/827,405	3/27/1997	-	5965175	10/12/1999
PET FOOD COMPOSITION FOR LARGE BREED PUPPIES AND METHOD FOR PROMOTING SKELETAL GROWTH	08/840,402	4/26/1997	-	5851573	12/22/1998
QUEEN'S MILK REPLACER	08/938,215	9/26/1997	-	5882714	3/16/1999
PROCESS FOR ASEPTICALLY PACKAGING PROTEIN-CONTAINING MATERIAL AND PRODUCT PRODUCED THEREBY	09/002,323	1/2/1998	-	6096354	8/1/2000
ORAL CARE COMPOSITIONS COMPRISING CHLORITE AND METHODS	09/032,238	2/27/1998	-	6077502	6/20/2000
PROCESS FOR ENHANCING IMMUNE RESPONSE IN ANIMALS USING BETA-CAROTENE AS A DIETARY SUPPLEMENT	09/050,560	3/30/1998	-	6133323	10/17/2000
COMPOSITION AND PROCESS FOR IMPROVING GLUCOSE METABOLISM IN COMPANION ANIMALS	09/055,538	4/6/1998	-	5932258	8/3/1999
PROCESS FOR IMPROVING GLUCOSE METABOLISM, SATIETY, AND NUTRIENT ABSORPTION IN COMPANION ANIMALS	09/055,790	4/6/1998	-	6180131	1/30/2001
COMPOSITION AND METHOD FOR REMOVING NITROGENOUS WASTE PRODUCTS FROM ANIMALS WITH HEPATIC DISEASE	09/154,119	09/16/1998	-	6093418	07/25/2000
COMPOSITION AND METHOD FOR IMPROVING CLINICAL SIGNS IN ANIMALS WITH RENAL DISEASE	09/176,440	10/21/1998	-	6039952	3/21/2000

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PET FOOD COMPOSITION FOR CONTROLLING POSTPRANDIAL GLYCEMIC RESPONSE	09/268,919	3/16/1999	-	6458378	10/01/2002
DIETARY COMPOSITIONS AND METHOD FOR PROMOTING HEALTHY WEIGHT LOSS IN CATS	09/283,408	4/1/1999	-	6071544	6/6/2000
PROCESS FOR DECREASING ADIPOSITY USING VITAMIN A AS A DIETARY SUPPLEMENT	09/288,873	4/9/1999	-	6306430	10/23/2001
PROCESS FOR PROMOTING WEIGHT LOSS IN OVERWEIGHT DOGS (CARNITINE SUPPLEMENTATION FOR WEIGHT LOSS)	09/337,938	6/22/1999	-	6204291	3/20/2001
ALTERATION OF GLUCOSE METABOLISM IN AGING COMPANION ANIMALS BY DIETARY STARCH	09/507,066	2/18/2000	-	6238708	5/29/2001
DIETARY COMPOSITIONS AND METHODS	09/512,577	2/24/2000	-	6359017	3/19/2002
HYPOALLERGENIC DIETARY COMPANION ANIMAL COMPOSITION CONTAINING HYDROLYZED POULTRY PROTEIN	09/566,437	5/8/2000	2003/0072786	7067147	6/27/2006
PROCESS AND PRODUCT FOR ENHANCING IMMUNE RESPONSE IN COMPANION ANIMALS USING A COMBINATION OF ANTIOXIDANTS	09/579,694	5/26/2000	-	6310090	10/30/2001
NUTRITIONAL COMPOSITION FOR WEIGHT MANAGEMENT	09/609,622	7/5/2000	-	7001618	2/21/2006
PROCESS FOR ENHANCING CANINE AND FELINE REPRODUCTIVE PERFORMANCE	09/718,846	11/22/2000	-	6737078	5/18/2004
PROCESS AND COMPOSITION FOR CONTROLLING FECAL HAIR EXCRETION AND TRICHOBEZOAR	09/756,452	01/08/2001	2002/0012709	6383529	05/07/2002
METHOD FOR IMPROVING BONE MODELING AND CHONDROCYTE FUNCTIONING IN GROWING CANINES	09/785,901	2/16/2001	2002/0001640	6426100	7/30/2002

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LIMITING WEIGHT GAIN OF CATS BY FEEDING CARBOHYDRATE SOURCE THAT EXCLUDES RICE	09/818,221	3/27/2001	2001/0018067	6630159	10/7/2003
BODY WEIGHT MANAGEMENT SYSTEM	09/839,740	4/20/2001	2002/0156351	6635015	10/21/2003
PET FOOD COMPOSITION FOR REDUCING INFLAMMATORY RESPONSE IN CATS	09/845,941	4/30/2001	2001/0051206	6946488	9/20/2005
COMPOSITIONS AND METHODS FOR INCREASING AMINO ACID ABSORPTION IN MAMMALS	10/087,402	3/1/2002	2003/0170748	6803186	10/12/2004
PROCESS AND COMPOSITION FOR CONTROLLING FECAL HAIR EXCRETION AND TRICHBEZOAR FORMATION	10/138,790	5/6/2002	2003/0091668	-	-
DIETARY METHOD FOR MODULATING GLUCOSE METABOLISM AND ASSOCIATED CONDITIONS AND INCREASING LONGEVITY	10/442,521	5/21/2003	2004/0001875	8142810	3/27/2012
METHODS AND KITS RELATED TO ADMINISTRATION OF A FRUCTOOLIGOSACCHARIDE	10/724,839	12/1/2003	2005/0118234	-	-
COMPOSITIONS COMPRISING FERMENTABLE FIBER WHICH ARE ADAPTED FOR USE BY A COMPANION ANIMAL AND KITS AND METHODS OF THEIR USE	10/725,248	12/1/2003	2005/0119222	-	-
EDIBLE COMPOSITIONS WHICH ARE ADAPTED FOR USE BY A COMPANION ANIMAL	10/730,346	12/8/2003	2005/0123585	-	-
METHODS AND COMPOSITIONS UTILIZING ASTAXANTHIN	10/764,215	1/23/2004	2004/0151761	-	-
DIETARY COMPOSITIONS AND METHODS	10/859,683	6/3/2004	2004/0248822	-	-
METHOD AND COMPOSITION FOR ENHANCING ABILITY TO LEARN IN A PUPPY OR KITTEN	10/945,365	9/20/2004	2005/0075399	8921422	12/30/2014
CANINE PROBIOTIC LACTOBACILLI	11/013,093	12/15/2004	2005/0158293	8894991	11/25/2014
PET FOOD COMPOSITIONS CONTAINING AN ADDED BORON SOURCE	11/074,100	3/7/2005	2005/0208105	8,685,438	9/22/2005

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COMPOSITIONS COMPRISING PROBIOTIC AND SWEETENER COMPONENTS	11/384,050	3/17/2006	2010/0233312	-	-
WET PET FOOD PRODUCTS COMPRISING A FIRST LAYER BONDED WITH A BASE FOOD	11/433,001	5/12/2006	2006/0263487	8524299	9/3/2013
COATED PET FOOD PRODUCTS	11/433,293	5/31/2006	2006/0263416	-	-
FELINE PROBIOTIC BIFIDOBACTERIA	11/443,765	5/31/2006	2006/0269534	8034601	10/11/2011
FELINE PROBIOTIC LACTOBACILLI	11/443,974	5/31/2006	2006/0270020	-	-
FOOD COMPOSITION PREPARED BY A STERILIZATION PROCESS	11/787,742	4/17/2007	2007/0243299	-	-
METHOD FOR PROMOTING EYE HEALTH	11/810,893	6/7/2007	2007/0286912	8012513	9/6/2011
NATURAL PRESERVATIVES FOR PRESERVATION OF PERISHABLE PRODUCTS	11/810,897	6/7/2007	2007/0286932	-	-
COMPOSITION FOR IMPROVING EYE HEALTH	11/810,902	6/7/2007	2007/0286925	-	-
COMPOSITIONS FOR IMPROVING BONE AND MUSCLE HEALTH CONTAINING DOCOSAHEXAENOIC ACID AND EICOSAPENTAENOIC ACID	11/891,120	8/9/2007	2008/0076823	-	-
COMPOSITION AND METHOD OF STABILIZED SENSITIVE INGREDIENT	12/009,357	1/18/2008	2008/017957	-	-
METHOD FOR DECREASING INFLAMMATION AND STRESS IN MAMMALS	12/012,317	2/1/2008	2008/0260866	-	-
METHODS OF MIMICKING THE METABOLIC EFFECTS OF CALORIC RESTRICTION BY ADMINISTRATION OF MANNOHEPTULOSE	12/082,710	4/14/2008	2008/0214479	-	-
PROBIOTIC SUPPLEMENT, PROCESS FOR MAKING, AND PACKAGING	12/168,400	7/7/2008	2010/0003368	-	-
PROBIOTIC SUPPLEMENT, PROCESS FOR MAKING, AND PACKAGING	12/168,412	7/7/2008	2010/0003369	-	-
BAG AND ARTICLE OF MANUFACTURE	12/221,166	7/31/2008	2009/0136163	-	-

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METHODS AND SYSTEMS FOR DEMONSTRATING DIFFERENCES BETWEEN AND BENEFITS OF PRODUCTS	12/242,982	10/1/2008	2009/0098525	8323033	12/04/2012
PET FOOD COMPOSITION COMPRISING AN ANTIOXIDANT COMPONENT	12/261,468	10/30/2008	2010/0112136	-	-
INTERACTIVE SURVEY FEEDBACK TOOL	12/316,653	12/15/2008	2009/0164341	8762865	6/24/2014
AUTOMATED SYSTEMS FOR FEEDING ANIMALS AND COLLECTING ANIMAL EXCREMENT	12/355,185	1/16/2009	2009/0250012	7905201	3/15/2011
BAG AND ARTICLE OF MANUFACTURE	12/360,294	1/27/2009	2009/0154845	8210746	7/3/2012
METHOD FOR DETERMINING THE BIOLOGICAL AGE OF A COMPANION ANIMAL	12/395,924	3/2/2009	2010/0222709	8382687	2/26/2013
MANAGEMENT PROGRAM FOR THE BENEFIT OF A COMPANION ANIMAL	12/395,935	3/2/2009	2010/0222710	8366642	2/5/2013
PET FOOD IN THE FORM OF A COATED KIBBLE	12/473,378	5/28/2009	2010/0303966	-	-
PROCESS FOR MAKING A PET FOOD IN THE FORM OF A COATED KIBBLE	12/473,386	5/28/2009	2010/0303976	-	-
DELIVERING AN ACTIVE INGREDIENT IN PET FOOD	12/473,417	5/28/2009	2010/0303951	-	-
IMPROVING VITAMIN RETENTION OF A PET FOOD	12/473,431	5/28/2009	2010/0303978	-	-
PET FOOD HAVING IMPROVED ANIMAL PREFERENCE	12/473,486	5/28/2009	2010/0303967	-	-
DUSTED ANIMAL FOOD	12/533,030	7/31/2009	2011/0027416	8691303	4/8/2014
PROCESS FOR DUSTING ANIMAL FOOD	12/533,032	7/31/2009	2011/0027417	-	-
ANIMAL FOOD HAVING LOW WATER ACTIVITY	12/533,039	7/31/2009	2011/0027418	-	-
ANIMAL FOOD HAVING LOW WATER ACTIVITY	12/533,042	7/31/2009	2011/0027343	-	-
ANIMAL FOOD AND ITS APPEARANCE	12/533,045	7/31/2009	2011/0027419	-	-
ANIMAL FEED KIBBLE WITH PROTEIN-BASED CORE AND RELATED METHODS	12/555,840	9/9/2009	2010/0233320	-	-



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ANIMAL FEED KIBBLE WITH PROTEIN-BASED CORE AND RELATED METHODS	12/555,842	9/9/2009	2010/0233756	-	-
PET FOOD COMPOSITIONS	12/638,128	12/15/2009	2010/0092642	8728559	5/20/2014
BAG AND ARTICLE OF MANUFACTURE	12/643,115	12/21/2009	2011/0150368	-	-
PET FOOD COMPOSITIONS	12/716,533	3/3/2010	2010/0159103	8663729	3/4/2014
METHOD FOR IMPROVING THE IMMUNITY OF A COMPANION ANIMAL	12/939,594	11/4/2010	2012/0115798	-	-
PROCESS FOR MAKING A PET FOOD IN THE FORM OF A COATED KIBBLE	13/009,872	1/20/2011	2012/0021094	-	-
COMPOSITIONS COMPRISING A GLUCOSE ANTI-METABOLITE AND SELENIUM	13/098,741	5/2/2011	2012/0282373	-	-
COMPOSITIONS COMPRISING A GLUCOSE ANTI-METABOLITE, BHA, AND/OR BHT	13/098,756	5/2/2011	2012/0283197	-	-
COMPOSITIONS AND METHODS RELATING TO CAROTENOIDS	13/347,849	1/11/2012	2012/0184612	9149056	10/6/2015
PROCESS FOR MAKING PET FOOD	13/349,816	1/13/2012	2012/0189748	8647690	2/11/2014
KIT AND METHOD FOR DENTAL EDUCATION	13/437,060	4/2/2012	2013/0260349	9111461	8/18/2015
COMPOSITION COMPRISING A SENSITIVE INGREDIENT	13/460,989	5/1/2012	2013/0295227	-	-
BACTERIOPHAGE TREATED FOOD PRODUCTS	13/557,828	7/25/2012	2014/0030382	-	-
METHOD FOR IDENTIFYING PREBIOTICS AND COMPOSITIONS CONTAINING THE SAME	13/671,904	11/8/2012	2013/0115317	-	-
PALATABLE PET FOODS AND METHODS FOR IMPROVING THE PALATABILITY OF PET FOODS	13/674,979	11/13/2012	2013/0122154	-	-
EXTRUDED PET FOOD COMPOSITION	13/898,552	5/21/2013	2013/0309384	-	-
PET FOOD COMPOSITION HAVING PROBIOTIC BIFIDOBACTERIUM ANIMALIS	14/136,528	12/20/2013	2015/0173397	-	-

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COMPOSITION AND METHOD FOR PREVENTING, REDUCING, ALLEVIATING, OR TREATING IDIOPATHIC VOMITING	14/198,662	3/6/2014	2014/0271943	-	-
COMPOSITION AND METHOD FOR PREVENTING, REDUCING, ALLEVIATING, OR TREATING IDIOPATHIC VOMITING	14/198,669	3/6/2014	2014/0271949	-	-
METHODS OF TREATING OR PREVENTING OVERWEIGHT AND OBESITY IN MAMMALS BY ADMINISTERING A COMPOSITION COMPRISING MANNOHEPTULOSE	14/198,680	3/6/2014	2014/0274920	-	-
MANUFACTURING PROCESS FOR PACKAGED PET FOOD	14/205,465	3/12/2014	2014/0260109	-	-
METHOD AND APPARATUS FOR PERFORMING MULTIPLE TASKS ON A WEB MATERIAL	14/205,529	3/12/2014	2014/0274629	-	-
TREATMENT OF CHRONIC IDIOPATHIC EMESIS IN FELINES AND CANINES	14/205,656	3/12/2014	2014/0271585	-	-
SNACK-SIZED PET FOOD MIX	14/540,957	11/13/2014	2015/0132446	-	-
METHODS AND KITS FOR ENHANCING THE ABILITY TO LEARN IN A PUPPY OR KITTEN	14/581,432	12/23/2014	2015/0111968	-	-
PET FOOD SUPPLEMENT	29/221,945	1/24/2005	-	D530481	10/24/2006
PET FOOD SUPPLEMENT	29/226,391	3/28/2005	-	D528736	9/26/2006
PET CONTAINER	29/244,870	12/15/2005	-	D561021	2/5/2008
PET CONTAINER	29/244,871	12/15/2005	-	D548587	8/14/2007
PET CONTAINER	29/245,221	12/19/2005	-	D556568	12/4/2007
PET FOOD CONTAINER	29/255,273	3/7/2006	-	D562691	2/26/2008
PET FOOD CONTAINER	29/255,283	3/7/2006	-	D566577	4/15/2008
PET FOOD CONTAINER	29/255,284	3/7/2006	-	D567104	4/22/2008
PET FOOD CONTAINER	29/255,285	3/7/2006	-	D562692	2/26/2008
PET FOOD CONTAINER	29/255,286	3/7/2006	-	D562693	2/26/2008
PET FOOD CONTAINER	29/255,288	3/7/2006	-	D562694	2/26/2008
PET FOOD CONTAINER	29/255,289	3/7/2006	-	D564895	3/25/2008
PET FOOD CONTAINER	29/255,319	3/7/2006	-	D562149	2/19/2008
PET FOOD CONTAINER	29/255,331	3/7/2006	-	D562695	2/26/2008
PET CONTAINER	29/255,889	3/13/2006	-	D639665	6/14/2011

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AN IMPLEMENT FOR CONTACTING SURFACES	29/258,638	4/25/2006	-	D536510	2/13/2007
AN IMPLEMENT FOR CONTACTING SURFACES	29/258,640	4/25/2006	-	D536511	2/13/2007
IMPLEMENT FOR CONTACTING SURFACES	29/258,646	4/25/2006	-	D536512	2/13/2007
IMPLEMENT FOR CONTACTING SURFACES	29/258,649	4/25/2006	-	D537232	2/27/2007
AN IMPLEMENT FOR CONTACTING SURFACES	29/258,683	4/25/2006	-	D536857	2/20/2007
AN IMPLEMENT FOR CONTACTING SURFACES	29/270,252	12/19/2006	-	D549927	9/4/2007
IMPLEMENT FOR CONTACTING SURFACES	29/270,255	12/19/2006	-	D549928	9/4/2007
IMPLEMENT FOR CONTACTING SURFACES	29/270,263	12/19/2006	-	D549428	8/28/2007
IMPLEMENT FOR CONTACTING SURFACES	29/270,270	12/19/2006	-	D548926	8/21/2007
IMPLEMENT FOR CONTACTING SURFACES	29/270,271	12/19/2006	-	D549929	09/04/2007
DEMONSTRATION DEVICE	29/292,408	10/11/2007	-	D598051	8/11/2009
ANIMAL CHEW	29/297,966	11/26/2007	-	D590127	4/14/2009
ANIMAL CHEW	29/297,968	11/26/2007	-	D584476	1/13/2009
ANIMAL CHEW	29/297,973	11/26/2007	-	D584477	1/13/2009
PET FOOD SUPPLEMENT	29/429,393	8/10/2012	-	D697687	1/21/2014
PET FOOD SUPPLEMENT	29/429,395	8/10/2012	-	D697691	1/21/2014
PET FOOD SUPPLEMENT	29/429,396	8/10/2012	-	D697686	1/21/2014
PET FOOD SUPPLEMENT	29/429,398	8/10/2012	-	D697692	1/21/2014
PET FOODSTUFF	29/433,859	10/05/2012	-	D699016	2/11/2014
PET FOODSTUFF	29/433,870	10/05/2012	-	D699017	2/11/2014
PET FOOD PACKAGE	29/457,111	6/7/2013	-	D705650	5/27/2014