

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM563301

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
HEMOPET		12/20/2019	Corporation: CALIFORNIA
RECEIVING PARTY DATA			
Name:	CHARLES BERMAN		
Street Address:	938 STANFORD STREET		
City:	SANTA MONICA		
State/Country:	CALIFORNIA		
Postal Code:	90403		
Entity Type:	INDIVIDUAL: UNITED STATES		
Name:	W. JEAN DODDS		
Street Address:	938 STANFORD STREET		
City:	SANTA MONICA		
State/Country:	CALIFORNIA		
Postal Code:	90403		
Entity Type:	INDIVIDUAL: UNITED STATES		
PROPERTY NUMBERS Total: 11			
Property Type	Number	Word Mark	
Serial Number:	73812817	HEMOPET	
Serial Number:	73813058	PET LIFE-LINE	
Serial Number:	87876379	NUSCAN	
Serial Number:	73812868	PET LIFE-LINE	
Serial Number:	77909358	NUTRISCAN	
Serial Number:	75746484	HEMOLIFE	
Serial Number:	75746451	HEMOLIFE	
Serial Number:	74298031	HEMOPET	
Serial Number:	87319231	NUTRISCAN	
Serial Number:	88267912	CELLBIO	
Serial Number:	73597303	PET LIFELINE	
CORRESPONDENCE DATA			

CH \$290.00 73812817

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.

Phone: 6267964000
Email: iposey@leechtishman.com
Correspondent Name: Ivan Posey
Address Line 1: 200 South Los Robles Avenue, Suite 210
Address Line 2: LEEH TISHMAN FUSCALDO & LAMPL
Address Line 4: Pasadena, CALIFORNIA 91101

NAME OF SUBMITTER:	Ivan Posey
SIGNATURE:	/Ivan Posey/
DATE SIGNED:	02/22/2020

Total Attachments: 11

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PATENT, TRADEMARK, AND COPYRIGHT SECURITY AGREEMENT

Debtor: HEMOPET
11561 SALINAZ AVENUE
GARDEN GROVE, CA 92843

Secured Party: CHARLES BERMAN/W. JEAN DODDS
938 STANFORD STREET
SANTA MONICA, CA 90403

THIS PATENT, TRADEMARK, AND COPYRIGHT SECURITY AGREEMENT (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Agreement"), dated as of December 20, 2019, is made and executed between Hemopet, a California corporation ("Debtor") and Charles Berman and W. Jean Dodds ("Secured Party").

Pursuant to that certain Note by and among Debtor and Secured Party (including all annexes, exhibits, and schedules thereto, and as the same may be amended, restated, supplemented, or otherwise modified from time to time, the "Loan Agreement"), Secured Party has agreed to extend certain financial accommodations to or for the direct or indirect benefit of Debtor.

Pursuant to the Loan Agreement and related agreements, Debtor is required to execute and deliver to Secured Party, for the benefit of Secured Party, this Patent, Trademark, and Copyright Security Agreement.

NOW, THEREFORE, in consideration of the promises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Debtor and Secured Party hereby agree as follows:

Unless otherwise defined herein, capitalized terms or matters of construction defined or established in the Loan Agreement shall be applied in this Agreement as defined or established in the Loan Agreement. All other undefined terms contained in this Agreement, unless the context indicates otherwise, shall have the meanings provided for by the California Commercial Code to the extent the same are used or defined there.

GRANT OF SECURITY INTEREST. For valuable consideration, Debtor hereby grants to Secured Party a continuing first-priority security interest on all of Debtor's right title and interest in, to and under the property described in the Schedules attached hereto, whether presently existing or hereafter created or acquired (collectively, the "Intellectual Property Collateral").

The security interest granted pursuant to this Agreement is granted in conjunction with the liens granted to Secured Party, for the benefit of Secured Party, pursuant to the Loan Agreement. Debtor hereby acknowledges and affirms that the rights and remedies of Secured Party with respect to the liens granted under this Agreement are more fully set forth in the Loan Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

CROSS-COLLATERALIZATION. In addition to the Note, this Agreement secures all obligations, debts and liabilities, plus interest thereon, of Grantor to Lender, or any one or more of them, as well as all claims by Lender against Grantor or any one or more of them, whether now existing or hereafter arising, whether related or unrelated to the purpose of the Note, whether voluntary or otherwise, whether due or not due, direct or indirect, determined or undetermined, absolute or contingent, liquidated or unliquidated, whether Grantor may be liable individually or jointly with others, whether obligated as guarantor, surety, accommodation party or otherwise, and whether recovery upon such amounts may be or hereafter may become barred by any statute of limitations, and whether the obligation to repay such amounts may be or hereafter may become otherwise unenforceable.

FUTURE ADVANCES. In addition to the Note, this Agreement secures all future advances made by Lender to Grantor regardless of whether the advances are made a) pursuant to a commitment or b) for the same purposes.

GRANTOR'S REPRESENTATIONS AND WARRANTIES WITH RESPECT TO THE COLLATERAL. With respect to the Collateral, Grantor represents and promises to Lender that:

Perfection of Security Interest. Grantor agrees to take whatever actions are requested by Lender to perfect and continue Lender's security interest in the Collateral. Upon request of Lender, Grantor will deliver to Lender any and all of the documents evidencing or constituting the Collateral, and Grantor will note Lender's interest

upon any and all chattel paper and instruments if not delivered to Lender for possession by Lender. This is a continuing Security Agreement and will continue in effect even though all or any part of the Indebtedness is paid in full and even though for a period of time Grantor may not be indebted to Lender.

Notices to Lender. Grantor will promptly notify Lender in writing at Lender's address shown above (or such other addresses as Lender may designate from time to time) prior to any (1) change in Grantor's name; (2) change in Grantor's assumed business name(s); (3) change in the management of any Corporation Grantor; (4) change in the authorized signer(s); (5) change in Grantor's principal office address; (6) change in Grantor's state of organization; (7) conversion of Grantor to a new or different type of business entity; or (8) change in any other aspect of Grantor that directly or indirectly relates to any agreements between Grantor and Lender. No change in Grantor's name or state of organization will take effect until after Lender has received notice.

No Violation. The execution and delivery of this Agreement will not violate any law or agreement governing Grantor or to which Grantor is a party, and its certificate or articles of incorporation and bylaws do not prohibit any term or condition of this Agreement.

Location of the Collateral. Except in the ordinary course of Grantor's business, Grantor agrees to keep the Collateral (or to the extent the Collateral consists of intangible property such as accounts or general intangibles, the records concerning the Collateral) at Grantor's address shown above or at such other locations as are acceptable to Lender.

Transactions Involving Collateral. Grantor shall not sell, offer to sell, or otherwise transfer or dispose of the Collateral. Grantor shall not pledge, mortgage, encumber or otherwise permit the Collateral to be subject to any lien, security interest, encumbrance, or charge, other than the security interest provided for in this Agreement, without the prior written consent of Lender. This includes security interests even if junior in right to the security interests granted under this Agreement. Unless waived by Lender, all proceeds from any disposition of the Collateral (for whatever reason) shall be held in trust for Lender and shall not be commingled with any other funds; provided however, this requirement shall not constitute consent by Lender to any sale or other disposition. Upon receipt, Grantor shall immediately deliver any such proceeds to Lender.

Title. Grantor represents and warrants to Lender that Grantor holds good and marketable title to the Collateral, free and clear of all liens and encumbrances except for the lien of this Agreement. No financing statement covering any of the Collateral is on file in any public office other than those which reflect the security interest created by this Agreement or to which Lender has specifically consented. Grantor shall defend Lender's rights in the Collateral against the claims and demands of all other persons.

Taxes, Assessments and Liens. Grantor will pay when due all taxes, assessments and liens upon the Collateral, its use or operation, upon this Agreement, upon any promissory note or notes evidencing the Indebtedness, or upon any of the other Related Documents. Grantor may withhold any such payment or may elect to contest any lien if Grantor is in good faith conducting an appropriate proceeding to contest the obligation to pay and so long as Lender's interest in the Collateral is not jeopardized in Lender's sole opinion. If the Collateral is subjected to a lien which is not discharged within fifteen (15) days, Grantor shall deposit with Lender cash, a sufficient corporate surety bond or other security satisfactory to Lender in an amount adequate to provide for the discharge of the lien plus any interest, costs, attorneys' fees or other charges that could accrue as a result of foreclosure or sale of the Collateral. In any contest Grantor shall defend itself and Lender and shall satisfy any final adverse judgment before enforcement against the Collateral. Grantor shall name Lender as an additional obligee under any surety bond furnished in the contest proceedings. Grantor further agrees to furnish Lender with evidence that such taxes, assessments, and governmental and other charges have been paid in full and in a timely manner. Grantor may withhold any such payment or may elect to contest any lien if Grantor is in good faith conducting an appropriate proceeding to contest the obligation to pay and so long as Lender's interest in the Collateral is not jeopardized.

Financing Statements. Grantor authorizes Lender to file a UCC financing statement, or alternatively, a copy of this Agreement to perfect Lender's security interest. Grantor further authorizes Lender to record Lender's interest with the Patent and Trademark Office. At Lender's request, Grantor additionally agrees to sign all other documents that are necessary to perfect, protect, and continue Lender's security interest in the Collateral. Grantor will pay all filing fees, title transfer fees, and other fees and costs involved unless prohibited by law or

unless Lender is required by law to pay such fees and costs. Grantor irrevocably appoints Lender to execute documents necessary to transfer title if there is a default. Lender may file a copy of this Agreement as a financing statement. If Grantor changes Grantor's name or address, or the name or address of any person granting a security interest under this Agreement changes, Grantor will promptly notify the Lender of such change.

GRANTOR'S RIGHT TO POSSESSION AND TO COLLECT ACCOUNTS. Until default and except as otherwise provided below with respect to accounts, Grantor may have possession of the tangible personal property and beneficial use of all the Collateral and may use it in any lawful manner not inconsistent with this Agreement or the Related Documents, provided that Grantor's right to possession and beneficial use shall not apply to any Collateral where possession of the Collateral by Lender is required by law to perfect Lender's security interest in such Collateral. If Lender at any time has possession of any Collateral, whether before or after an Event of Default, Lender shall be deemed to have exercised reasonable care in the custody and preservation of the Collateral if Lender takes such action for that purpose as Grantor shall request or as Lender, in Lender's sole discretion, shall deem appropriate under the circumstances, but failure to honor any request by Grantor shall not of itself be deemed to be a failure to exercise reasonable care. Lender shall not be required to take any steps necessary to preserve any rights in the Collateral against prior parties, nor to protect, preserve or maintain any security interest given to secure the Indebtedness.

LENDER'S EXPENDITURES. If any action or proceeding is commenced that would materially affect Lender's interest in the Collateral or if Grantor fails to comply with any provision of this Agreement or any Related Documents, including but not limited to Grantor's failure to discharge or pay when due any amounts Grantor is required to discharge or pay under this Agreement or any Related Documents, Lender on Grantor's behalf may (but shall not be obligated to) take any action that Lender deems appropriate, including but not limited to discharging or paying all taxes, liens, security interests, encumbrances and other claims, at any time levied or placed on the Collateral and paying all costs for insuring, maintaining and preserving the Collateral. All such expenditures incurred or paid by Lender for such purposes will then bear interest at the rate charged under the Note from the date incurred or paid by Lender to the date of repayment by Grantor. All such expenses will become a part of the Indebtedness and, at Lender's option, will (A) be payable on demand; (B) be added to the balance of the Note and be apportioned among and be payable with any installment payments to become due during either (1) the term of any applicable insurance policy; or (2) the remaining term of the Note; or (C) be treated as a balloon payment which will be due and payable at the Note's maturity. The Agreement also will secure payment of these amounts. Such right shall be in addition to all other rights and remedies to which Lender may be entitled upon Default.

DEFAULT. Each of the following shall constitute an Event of Default under this Agreement:

Payment Default. Grantor fails to make any payment when due under the Indebtedness.

Other Defaults. Grantor fails to comply with or to perform any other term, obligation, covenant or condition contained in this Agreement or in any of the Related Documents or to comply with or to perform any term, obligation, covenant or condition contained in any other agreement between Lender and Grantor.

Default in Favor of Third Parties. Any guarantor or Grantor defaults under any loan, extension of credit, security agreement, purchase or sales agreement, or any other agreement, in favor of any other creditor or person that may materially affect any of any guarantor's or Grantor's property or ability to perform their respective obligations under this Agreement or any of the Related Documents.

False Statements. Any warranty, representation or statement made or furnished to Lender by Grantor or on Grantor's behalf under this Agreement or the Related Documents is false or misleading in any material respect, either now or at the time made or furnished or becomes false or misleading at any time thereafter.

Defective Collateralization. This Agreement or any of the Related Documents ceases to be in full force and effect (including failure of any collateral document to create a valid and perfected security interest or lien) at any time and for any reason.

Insolvency. The dissolution or termination of Grantor's existence as a going business, the insolvency of Grantor, the appointment of a receiver for any part of Grantor's property, any assignment for the benefit of creditors, any type of creditor workout, or the commencement of any proceeding under any bankruptcy or insolvency laws by or against Grantor.

Creditor or Forfeiture Proceedings. Commencement of foreclosure or forfeiture proceedings, whether by judicial proceeding, self-help, repossession or any other method, by any creditor of Grantor or by any governmental agency against any collateral securing the Indebtedness. This includes a garnishment of any of Grantor's accounts, including deposit accounts, with Lender. However, this Event of Default shall not apply if there is a good faith dispute by Grantor as to the validity or reasonableness of the claim which is the basis of the creditor or forfeiture proceeding and if Grantor gives Lender written notice of the creditor or forfeiture proceeding and deposits with Lender monies or a surety bond for the creditor or forfeiture proceeding, in an amount determined by Lender, in its sole discretion, as being an adequate reserve or bond for the dispute.

Events Affecting Guarantor. Any of the preceding events occurs with respect to any Guarantor of any of the Indebtedness or Guarantor dies or becomes incompetent or revokes or disputes the validity of, or liability under, any Guaranty of the Indebtedness.

Adverse Change. A material adverse change occurs in Grantor's financial condition, or Lender believes the prospect of payment or performance of the Indebtedness is impaired.

Insecurity. Lender in good faith believes itself insecure.

RIGHTS AND REMEDIES ON DEFAULT. If an Event of Default occurs under this Agreement, at any time thereafter, Lender shall have all the rights of a secured party under the California Uniform Commercial Code. In addition, and without limitation, Lender may exercise any one or more of the following rights and remedies:

Accelerate Indebtedness. Lender may declare the entire Indebtedness, including any prepayment penalty which Grantor would be required to pay, immediately due and payable, without notice of any kind to Grantor.

Assemble Collateral. Lender may require Grantor to deliver to Lender all or any portion of the Collateral and any and all certificates of title and other documents relating to the Collateral. Lender may require Grantor to assemble the Collateral and make it available to Lender at a place to be designated by Lender. Lender also shall have full power to enter upon the property of Grantor to take possession of and remove the Collateral. If the Collateral contains other goods not covered by this Agreement at the time of repossession, Grantor agrees Lender may take such other goods, provided that Lender makes reasonable efforts to return them to Grantor after repossession.

Sell the Collateral. Lender shall have full power to sell, lease, transfer, or otherwise deal with the Collateral or proceeds thereof in Lender's own name or that of Grantor. Lender may sell the Collateral at public auction or private sale. Unless the Collateral threatens to decline speedily in value or is of a type customarily sold on a recognized market, Lender will give Grantor, and other persons as required by law, reasonable notice of the time and place of any public sale, or the time after which any private sale or any other disposition of the Collateral is to be made. However, no notice need be provided to any person who, after Event of Default occurs, enters into and authenticates an agreement waiving that person's right to notification of sale. The requirements of reasonable notice shall be met if such notice is given at least ten (10) days before the time of the sale or disposition. All expenses relating to the disposition of the Collateral, including without limitation the expenses of retaking, holding, insuring, preparing for sale and selling the Collateral, shall become a part of the Indebtedness secured by this Agreement and shall be payable on demand, with interest at the Note rate from date of expenditure until repaid.

Appoint Receiver. Lender shall have the right to have a receiver appointed to take possession of all or any part of the Collateral, with the power to protect and preserve the Collateral, to operate the Collateral preceding foreclosure or sale, and to collect the Rents from the Collateral and apply the proceeds, over and above the cost of the receivership, against the Indebtedness. The receiver may serve without bond if permitted by law. Lender's right to the appointment of a receiver shall exist whether or not the apparent value of the Collateral exceeds the Indebtedness by a substantial amount. Employment by Lender shall not disqualify a person from serving as a receiver.

Collect Revenues, Apply Accounts. Lender, either itself or through a receiver, may collect the payments, rents, income, and revenues from the Collateral. Lender may at any time in Lender's discretion transfer any Collateral into Lender's own name or that of Lender's nominee and receive the payments, rents, income, and revenues therefrom and hold the same as security for the Indebtedness or apply it to payment of the Indebtedness in such order of preference as Lender may determine. Insofar as the Collateral consists of accounts, general

intangibles, insurance policies, instruments, chattel paper, choses in action, or similar property, Lender may demand, collect, receipt for, settle, compromise, adjust, sue for, foreclose, or realize on the Collateral as Lender may determine, whether or not Indebtedness or Collateral is then due. For these purposes, Lender may, on behalf of and in the name of Grantor, receive, open and dispose of mail addressed to Grantor; change any address to which mail and payments are to be sent; and endorse notes, checks, drafts, money orders, documents of title, instruments and items pertaining to payment, shipment, or storage of any Collateral. To facilitate collection, Lender may notify account debtors and obligors on any Collateral to make payments directly to Lender.

Obtain Deficiency. If Lender chooses to sell any or all of the Collateral, Lender may obtain a judgment against Grantor for any deficiency remaining on the Indebtedness due to Lender after application of all amounts received from the exercise of the rights provided in this Agreement. Grantor shall be liable for a deficiency even if the transaction described in this subsection is a sale of accounts or chattel paper.

Other Rights and Remedies. Lender shall have all the rights and remedies of a secured creditor under the provisions of the Uniform Commercial Code, as may be amended from time to time. In addition, Lender shall have and may exercise any or all other rights and remedies it may have available at law, in equity, or otherwise.

Election of Remedies. Except as may be prohibited by applicable law, all of Lender's rights and remedies, whether evidenced by this Agreement, the Related Documents, or by any other writing, shall be cumulative and may be exercised singularly or concurrently. Election by Lender to pursue any remedy shall not exclude pursuit of any other remedy, and an election to make expenditures or to take action to perform an obligation of Grantor under this Agreement, after Grantor's failure to perform, shall not affect Lender's right to declare a default and exercise its remedies.

MISCELLANEOUS PROVISIONS. The following miscellaneous provisions are a part of this Agreement:

Amendments. This Agreement, together with any Related Documents, constitutes the entire understanding and agreement of the parties as to the matters set forth in this Agreement. No alteration of or amendment to this Agreement shall be effective unless given in writing and signed by the party or parties sought to be charged or bound by the alteration or amendment.

Attorneys' Fees; Expenses. Grantor agrees to pay upon demand all of Lender's costs and expenses, including Lender's attorneys' fees and Lender's legal expenses, incurred in connection with the enforcement of this Agreement. Lender may hire or pay someone else to help enforce this Agreement, and Grantor shall pay the costs and expenses of such enforcement. Costs and expenses include Lender's attorneys' fees and legal expenses whether or not there is a lawsuit, including attorneys' fees and legal expenses for bankruptcy proceedings (including efforts to modify or vacate any automatic stay or injunction), appeals, and any anticipated post-judgment collection services. Grantor also shall pay all court costs and such additional fees as may be directed by the court.

Caption Headings. Caption headings in this Agreement are for convenience purposes only and are not to be used to interpret or define the provisions of this Agreement.

Governing Law. This Agreement will be governed by federal law applicable to Lender and, to the extent not preempted by federal law, the laws of the State of California without regard to its conflicts of law provisions. This Agreement has been accepted by Lender in the State of California.

Choice of Venue. If there is a lawsuit, Grantor agrees upon Lender's request to submit to the jurisdiction of the courts of LOS ANGELES County, State of California.

Joint and Several Liability. All obligations of Grantor under this Agreement shall be joint and several, and all references to Grantor shall mean each and every Grantor. This means that each Grantor signing below is responsible for all obligations in this Agreement. Where any one or more of the parties is a corporation, partnership, limited liability company or similar entity, it is not necessary for Lender to inquire into the powers of any of the officers, directors, partners, members, or other agents acting or purporting to act on the entity's behalf, and any obligations made or created in reliance upon the professed exercise of such powers shall be guaranteed under this Agreement.

Preference Payments. Any monies Lender pays because of an asserted preference claim in Grantor's

bankruptcy will become a part of the Indebtedness and, at Lender's option, shall be payable by Grantor as provided in this Agreement.

No Waiver by Lender. Lender shall not be deemed to have waived any rights under this Agreement unless such waiver is given in writing and signed by Lender. No delay or omission on the part of Lender in exercising any right shall operate as a waiver of such right or any other right. A waiver by Lender of a provision of this Agreement shall not prejudice or constitute a waiver of Lender's right otherwise to demand strict compliance with that provision or any other provision of this Agreement. No prior waiver by Lender, nor any course of dealing between Lender and Grantor, shall constitute a waiver of any of Lender's rights or of any of Grantor's obligations as to any future transactions. Whenever the consent of Lender is required under this Agreement, the granting of such consent by Lender in any instance shall not constitute continuing consent to subsequent instances where such consent is required and in all cases such consent may be granted or withheld in the sole discretion of Lender.

Notices. Any notice required to be given under this Agreement shall be given in writing, and shall be effective when actually delivered, when actually received by telefacsimile (unless otherwise required by law), when deposited with a nationally recognized overnight courier, or, if mailed, when deposited in the United States mail, as first class, certified or registered mail postage prepaid, directed to the addresses shown near the beginning of this Agreement. Any party may change its address for notices under this Agreement by giving formal written notice to the other parties, specifying that the purpose of the notice is to change the party's address. For notice purposes, Grantor agrees to keep Lender informed at all times of Grantor's current address. Unless otherwise provided or required by law, if there is more than one Grantor, any notice given by Lender to any Grantor is deemed to be notice given to all Grantors.

Power of Attorney. Grantor hereby appoints Lender as Grantor's irrevocable attorney-in-fact for the purpose of executing any documents necessary to perfect, amend, or to continue the security interest granted in this Agreement or to demand termination of filings of other secured parties. Lender may at any time, and without further authorization from Grantor, file a carbon, photographic or other reproduction of any financing statement or of this Agreement for use as a financing statement. Grantor will reimburse Lender for all expenses for the perfection and the continuation of the perfection of Lender's security interest in the Collateral.

Waiver of Co-Obligor's Rights. If more than one person is obligated for the Indebtedness, Grantor irrevocably waives, disclaims and relinquishes all claims against such other person which Grantor has or would otherwise have by virtue of payment of the Indebtedness or any part thereof, specifically including but not limited to all rights of indemnity, contribution or exoneration.

Severability. If a court of competent jurisdiction finds any provision of this Agreement to be illegal, invalid, or unenforceable as to any person or circumstance, that finding shall not make the offending provision illegal, invalid, or unenforceable as to any other person or circumstance. If feasible, the offending provision shall be considered modified so that it becomes legal, valid and enforceable. If the offending provision cannot be so modified, it shall be considered deleted from this Agreement. Unless otherwise required by law, the illegality, invalidity, or unenforceability of any provision of this Agreement shall not affect the legality, validity or enforceability of any other provision of this Agreement.

Successors and Assigns. Subject to any limitations stated in this Agreement on transfer of Grantor's interest, this Agreement shall be binding upon and inure to the benefit of the parties, their successors and assigns. If ownership of the Collateral becomes vested in a person other than Grantor, Lender, without notice to Grantor, may deal with Grantor's successors with reference to this Agreement and the Indebtedness by way of forbearance or extension without releasing Grantor from the obligations of this Agreement or liability under the Indebtedness.

Survival of Representations and Warranties. All representations, warranties, and agreements made by Grantor in this Agreement shall survive the execution and delivery of this Agreement, shall be continuing in nature, and shall remain in full force and effect until such time as Grantor's Indebtedness shall be paid in full.

Time is of the Essence. Time is of the essence in the performance of this Agreement.

DEFINITIONS. The following capitalized words and terms shall have the following meanings when used in this Agreement. Unless specifically stated to the contrary, all references to dollar amounts shall mean amounts in lawful

money of the United States of America. Words and terms used in the singular shall include the plural, and the plural shall include the singular, as the context may require. Words and terms not otherwise defined in this Agreement shall have the meanings attributed to such terms in the Uniform Commercial Code:

Agreement. The word "Agreement" means this Patent, Trademark, and Copyright Security Agreement, as this Patent, Trademark, and Copyright Security Agreement may be amended or modified from time to time, together with all exhibits and schedules attached to this Patent, Trademark, and Copyright Security Agreement from time to time.

Borrower. The word "Borrower" means Hemopet and includes all co-signers and co-makers signing the Note and all their successors and assigns.

Collateral. The word "Collateral" means all of Grantor's right, title and interest in and to all the Collateral as described in the Collateral Description section of this Agreement.

Default. The word "Default" means the Default set forth in this Agreement in the section titled "Default".

Event of Default. The words "Event of Default" mean any of the events of default set forth in this Agreement in the default section of this Agreement.

Grantor. The word "Grantor" means Hemopet.

Guarantor. The word "Guarantor" means any guarantor, surety, or accommodation party of any or all of the Indebtedness.

Guaranty. The word "Guaranty" means the guaranty from Guarantor to Lender, including without limitation a guaranty of all or part of the Note.

Indebtedness. The word "Indebtedness" means the indebtedness evidenced by the Notes or Related Documents, including all principal and interest together with all other indebtedness and costs and expenses for which Grantor is responsible under this Agreement or under any of the Related Documents. Specifically, without limitation, Indebtedness includes the future advances set forth in the Future Advances provision, together with all interest thereon and all amounts that may be indirectly secured by the Cross-Collateralization provision of this Agreement.

Lender. The word "Lender" means Charles Berman and W. Jean Dodds, their successors and assigns.

Note. The word "Note" means and includes without limitation, that certain Loan Payment Agreement dated December 31, 2018, that certain Second Repayment Agreement dated December 19, 2019 and that certain Forbearance Agreement dated December 20, 2019, by and between Borrower and Lender evidencing Borrower's loan obligations in favor of Lender, together with all renewals, extensions, modifications, refinancings, consolidations, substitutions and amendments thereof.

Property. The word "Property" means all of Grantor's right, title and interest in and to all the Property as described in the "Collateral Description" section of this Agreement.

Related Documents. The words "Related Documents" mean all promissory notes, credit agreements, loan agreements, environmental agreements, security agreements, mortgages, deeds of trust, security deeds, collateral mortgages, and all other instruments, agreements and documents, whether now or hereafter existing, executed in connection with the Indebtedness and evidencing the obligations owed by Borrower to Lender.

GRANTOR HAS READ AND UNDERSTOOD ALL THE PROVISIONS OF THIS COMMERCIAL SECURITY AGREEMENT AND AGREES TO ITS TERMS. THIS AGREEMENT IS DATED DECEMBER 20, 2019.

GRANTOR:

HEMOPET

W. Jean Dobbs

By: W. JEAN DOBBS

Its: *President*




SCHEDULE I

All right, title and interest of Hemopet ("Debtor") now owned or hereafter acquired in and to the following:

1. All patentable inventions, patent rights, shop rights, letters of patent of the United States or any other country, all right, title, and interest in the foregoing, and all registrations and recordings of the foregoing, including all patent registrations and recordings in the Patent and Trademark Office or in any similar office or agency of the United States, any state or any foreign country or political subdivision of such a country, relating to (i) technology involving thyroid testing and analysis in animals and (ii) technology involving food intolerance testing in animals, as described in Schedule II (collectively, the "Patents");
2. All copyrights, including all original works of authorship fixed in any tangible medium of expression; all right, title, and interest in the foregoing, and all registrations and recordings of the foregoing, including all applications, registrations, and recordings in the Copyright Office or in any similar office or agency of the United States, any state, or any foreign country or political subdivision of such a county, relating to (i) technology involving thyroid testing and analysis in animals and (ii) technology involving food intolerance testing in animals, as described in Schedule II (collectively, the "Copyrights");
3. All trademarks, trade names, trade styles, and service marks, and all prints and labels on which said trademarks, trade names, trade styles, and service marks have appeared or appear, and all designs and general intangible of like nature, now existing or hereafter adopted or acquired; all right, title, and interest in the foregoing, all registrations and recordings of the foregoing, including all applications, registrations, and recordings in the Patent and Trademark Office or in any similar office or agency or political subdivision of such a country, relating to (i) technology involving thyroid testing and analysis in animals and (ii) technology involving food intolerance testing in animals, as described in Schedule II, including any and all goodwill associated with it (collectively the "Trademarks");
4. All rights of Debtor under any written agreement with respect to the use of any Patents, Copyrights, Trademarks, trade secrets, or proprietary or confidential information, including rights of a licensee or licensor with respect thereto;
5. All goodwill, trade secrets, proprietary or confidential information, technical information, procedures, formulas, quality control standards, operating and training manuals, and customer lists with respect to any Patents, Copyrights, and Trademarks; and
6. All products and proceeds of the foregoing.

SCHEDULE II

Country	App No	App Date	Patent No.	Reg. Date
United States of America	10/635,707	8/5/2003	8,060,354	11/15/2011
United States of America	10/932,504	9/1/2004	7,552,039	6/16/2016
United States of America	12/269,866	11/12/2008	7,799,532	4/18/2017
United States of America	12/355,721	1/16/2009	7,865,343	1/24/2018
United States of America	12/465,603	5/13/2009	7,867,720	1/24/2018
United States of America	12/545,041	8/20/2009	7,892,763	1/24/2018
United States of America	12/995,037	1/11/2010	8,450,074	5/28/2016
United States of America	12/960,031	12/3/2010	8,450,072	5/28/2016
United States of America	12/779,196	5/13/2010	8,293,541	10/23/2019
United States of America	12/430,038	4/24/2009	7,794,954	12/11/2016
United States of America	12/615,121	11/9/2009	8,012,769	11/10/2018
United States of America	09/419,192	10/15/1999	6,730,023	5/4/2004
United States of America	09/432,851	11/2/1999	6,287,254	9/11/2001
United States of America	09/898,193	7/2/2001	6,537,213	3/25/2003

Mark Name	Image	Country	Status	Filed Date	Application No.	Reg. Date	Registration No.	Classes
HEMOPET		United States of America	Registered	7/17/1989	73/812,817	3/27/1990	1,589,420	41
PET LIFE-LINE		United States of America	Registered	7/17/1989	73/813,058	5/8/1990	1,595,747	41
NUSCAN	NUSCAN	United States of America	Allowed	4/13/2018	87876379	allowed/SOU		2/13/1900
PET LIFE-LINE		United States of America	Registered	7/17/1989	73/812,868	8/7/1990	1,608,786	5, 10
NUTRISCAN	NUTRISCAN	United States of America	Registered	1/11/2010	77/909,358	3/1/2011	3,926,758	44
PET LIFE LINE (CALIFORNIAN MARK)		California	Registered			5/23/1996	26913	
NUTRISCAN	NUTRISCAN	European Union IPO	Registered	6/14/2011	010044741	11/15/2011	010044741	10, 44
NUTRISCAN	NUTRISCAN	New Zealand	Registered	12/2/2011	853373	12/2/2011	853373	10, 44
HEMOLIFE		United States of America	Registered	7/9/1999	75/746,484	10/16/2001	2,498,865	5
HEMOLIFE		United States of America	Registered	7/9/1999	75/746,451	11/6/2001	2,505,193	42
NUTRISCAN	NUTRISCAN	Australia	Registered	12/2/2011	1,463,000	4/17/2012	1,463,000	10, 44
NUTRISCAN	NUTRISCAN	Hong Kong	Registered			12/12/2011	302110724	10, 44
NUTRISCAN	NUTRISCAN	Mexico	Registered	3/21/2012	1259827	8/27/2012	1306748	10
NUTRISCAN	NUTRISCAN	Mexico	Registered	3/21/2012	1259829	8/16/2012	1304230	44
NUTRISCAN	NUTRISCAN	Japan	Registered	12/5/2011	2011-087232	4/13/2012	5486510	10, 44
HEMOPET		Japan	Registered	12/13/2011	2011-089637	5/18/2012	5494138	41
NUTRISCAN	NUTRISCAN	China	Registered	12/5/2011	10267959	2/7/2013	10267959	10
HEMOPET		United States of America	Registered	7/27/1992	74/298,031	8/17/1993	1,787,801	5
NUTRISCAN	NUTRISCAN	United States of America	Registered	1/31/2017	87/319,231	12/18/2018	5,630,332	9,10,42,44
HEMOPET NUTRISCAN		China	Registered	8/17/2012	11364514	1/21/2014	11364514	44
CELLBIO	CELLBIO	United States of America	Registered	1/18/2019	88267912	10/15/2019	5,887,055	44
PET LIFE-LINE		United States of America	Registered	5/7/1986	73/597,303	1/26/1988	1,474,109	16, 41
NUTRISCAN	NUTRISCAN	Canada	Registered	12/2/2011	1,554,707	5/29/2013	TMA851,959	10, 44
CELLBIO	CELLBIO	Europe	Registered	5/7/2019	18061084		18061084	44
NUTRISCAN	NUTRISCAN	Brazil	Granted	8/7/2018	915175169	1/31/2017	5,630,332	44