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Señor

SUPERINTENDENTE DE INDUSTRIA Y
DIVISION DE NUEVAS CREACIONES
E. _____ S. _____

SUPERINDUSTRIA Y COMERCIO
Radicacion: 03867923 00000001 Folios: 39
Fecha (RAD): 2000-11-24 15:56:55
Trasite : 002 PATENTES D 1 REGISTRO/ 329 DUPLICADO
Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

Re: P1.-SOCIÉTÉ DES PRODUITS NESTLÉ S.A..-Solicitud de Patente de Invención para "MEJORAMIENTO DE LA CONDICIÓN DE MASCOTAS AÑOSAS".-Clase A.23K.-Expediente número 00-067.923.-

1. Me refiero a solicitud arriba nombrada de fecha 8 de Septiembre de 2000.
2. Anexos me permito presentar a usted:
 - (1) Copia autentica de la primera solicitud de patente presentada para el invento arriba nombrado **respecto de la cual reclamo prioridad**, a saber la solicitud estadinense número 60/152.984 de 9 de Septiembre de 1999, junto con su traducción oficial No. LLC-076-2000, **correspondiente a las legalizaciones y reivindicaciones de dicho documento;**
 - (2) Copia debidamente autenticada por el Notario Sexto del Circulo de Bogotá, de los documentos que acreditan la calidad de Traductor Oficial del señor Gabriel Rueda Chadid quien elaboró la traducción de la solicitud estadinense número 60/152.984, respecto de la cual se reivindica prioridad en el presente caso;
 - (3) Documento que acredita el traspaso que los autores del invento de la referencia hacen a favor de mi representante legal, de sus derechos sobre el mismo, debidamente legalizado hasta por el Ministerio de Relaciones Exteriores de Colombia bajo el número 532286 de 14 de Septiembre de 2000; y
 - (4) Traducción Oficial número 252 debidamente legalizada hasta por el Ministerio de Relaciones Exteriores de Colombia bajo el número 342938 de 25 de Septiembre de 2000, correspondiente a las legalizaciones y autenticaciones de dicho documento de traspaso.

3. Ruego a usted tomar atenta nota de lo anterior y proceder de conformidad.

Señor Superintendente,



JOSE ANTONIO LLORED A

T.P. 10.784

Código 231

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**EL SUSCRITO JEFE DEL AREA DE
LEGALIZACIONES DE MINISTERIO DE
RELACIONES EXTERIORES.**

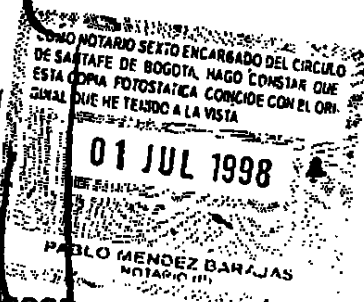
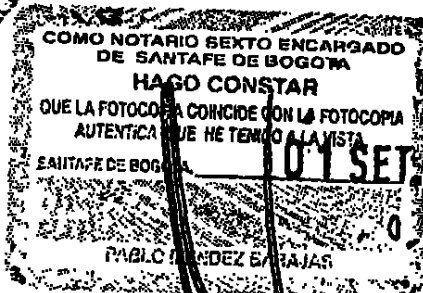
HACE CONSTAR

Que el señor Gabriel Rueda, se encuentra debidamente registrado ante este Ministerio, como traductor e intérprete oficial para los idiomas INGLES -ESPAÑOL, ESPAÑOL - INGLES.

Para efectos de ésta certificación el interesado presentó copia autenticada de la certificación del Ministerio de Justicia acerca de la vigencia de la resolución 5886 de 1982.

Dada en Santafé de Bogotá, D.C., a los diez y nueve días (19) del mes de diciembre de 1994.


Neibon Sánchez Torres
Jefe Area de Legalizaciones



NST/gtm.



EL SECRETARIO GENERAL DEL MINISTERIO DE
JUSTICIA Y DEL DERECHO

CERTIFICA:

Que por Resolución 5996 del 29 de noviembre de 1982, le fue expedida licencia para ejercer funciones de Traductor e Intérprete Oficial en los idiomas INGLES-ESPAÑOL, ESPAÑOL-INGLES a GABRIEL RUEDA CHADID, identificado con la cédula de ciudadanía No. 17.124.145 expedida en Bogotá. Que dicha resolución se encuentra vigente en la fecha.

A solicitud del interesado, en Santafé de Bogotá D.C., a los 17 de noviembre de 1994.

COMO NOTARIO SEXTO ENCARGADO
DE SANTAFÉ DE BOGOTÁ

HAGO CONSTAR

QUE LA FOTOCOPIA CONCORDA CON LA FOTOCOPIA
AUTÉNTICA QUE HE TENIDO A LA VISTA

SANTAFÉ DE BOGOTÁ

PABLO MENDEZ BARAJAS

JORGE LOIS SABOGAL SABOGAL

COMO NOTARIO SEXTO ENCARGADO
DE SANTAFÉ DE BOGOTÁ

HAGO CONSTAR

QUE LA FOTOCOPIA CONCORDA CON LA FOTOCOPIA
AUTÉNTICA QUE HE TENIDO A LA VISTA

SANTAFÉ DE BOGOTÁ

PABLO MENDEZ BARAJAS

01 JUL 1998

PABLO MENDEZ BARAJAS

NOTARIO (R)

mmc

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TRIBUNAL SUPERIOR DEL DISTRITO JUDICIAL DE SANTAFE DE BOGOTA
SECRETARIA GENERAL

LA SUSCRITA SECRETARIA DEL H. TRIBUNAL SUPERIOR DEL DISTRITO JUDICIAL
DE SANTAFE DE BOGOTA,

C E R T I F I C A :

Que el Acuerdo No. 183 de diciembre 3 de 1982 emanado de esta Corporación, por medio del cual dió posesión al señor GABRIEL RUEDA CHADID identificado con Cédula de Ciudadanía número 17.124.145 de Bogotá, como TRADUCTOR E INTERPRETE OFICIAL de los idiomas INGLES-ESPAÑOL-ESPAÑOL-INGLES, en virtud de la Resolución No. 5996, se encuentra vigente.

COMO NOTARIO SEXTO ENCARGADO
DE SANTAFE DE BOGOTA
HAGO CONSTAR
QUE LA FOTOCOPIA COINCIDE CON LA FOTOCOPIA
AUTENTICA QUE HE TENIDO A LA VISTA.
01 SET 2000
01 AGO 1998

Se expide en Santafé de Bogotá D.C., a dieciseis (16) de noviembre
de mil novecientos noventa y cuatro (1994).

MARIA INES RODRIGUEZ TORRES
SECRETARIA
COMO NOTARIO SEXTO ENCARGADO
DE SANTAFE DE BOGOTA
HAGO CONSTAR
QUE LA FOTOCOPIA COINCIDE CON LA FOTOCOPIA
AUTENTICA QUE HE TENIDO A LA VISTA.
SANTAFE DE BOGOTA
08 SET 1998
PABLO MENDEZ GARCIA

COMO NOTARIO SEXTO DE
SANTAFE DE BOGOTA
HAGO CONSTAR
QUE LA FOTOCOPIA COINCIDE CON LA FOTOCOPIA
AUTENTICA QUE HE TENIDO A LA VISTA.
01 JUL 1998
JUAN MANUEL BOTERO MEDINA
NOTARIO
PABLO MENDEZ GARCIA
COMO NOTARIO SEXTO DE
SANTAFE DE BOGOTA
HAGO CONSTAR
QUE LA FOTOCOPIA COINCIDE CON LA FOTOCOPIA
AUTENTICA QUE HE TENIDO A LA VISTA.
SANTAFE DE BOGOTA
23 NOV 1998
JUAN MANUEL BOTERO MEDINA
NOTARIO

crm./

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(Nestle S.A.) Societe Des Produits Nestle S.A. C-6392/CO/NP
REF: LLC-076-2000. La presente es Traducción Oficial de un
documento presentado originalmente en inglés. Esta
traducción es elaborada por Gabriel Rueda Chadid
(Traductor Oficial).

ESTADOS UNIDOS DE AMERICA
A TODOS AQUELLOS QUE LLEGAREN A LEER EL CONTENIDO DEL
PRESENTE DOCUMENTO LES CERTIFICAMOS:
DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS

Oficina de Marcas y Patentes de los Estados Unidos

Julio 11 del 2000

Se certifica que anexo se encuentra fiel copia de los
Registros de la Oficina de Marcas y Patentes de los Estados
Unidos correspondientes a los documentos de la patente
solicitada y cuya identificación aparece más adelante, la
cual cumplió con los requerimientos exigidos para que se
otorgue una fecha de presentación de acuerdo con los
dispuesto en la Sección 35 USC 111.

Número de Solicitud: 60/152.984
Fecha de presentación: Septiembre 09, 1999

Por autorización del
COMISIONADO DE MARCAS REGISTRADAS Y PATENTES

N. WOODSON

Funcionario Encargado de Certificaciones (Hay firma y sello)


GABRIEL RUEDA CHADID
TRADUCTOR OFICIAL
RESOLUCION 5996 DE NOV. 29-82
MINISTERIO DE JUSTICIA

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Oficina de Marcas y Patentes:
DEPARTAMENTO DE COMERCIO DE LOS ESTADOS UNIDOS

PORTADA PROVISIONAL DE SOLICITUD

La presente solicitud de presentación de solicitud provisional de acuerdo con 37 CFR 1.53 (c)

Expediente: P-99,1926

Indicar con un signo (+) dentro de esta casilla --> +

INVENTOR/SOLICITANTE

Apellido	Primer Nombre	Inicial	Lugar de Residencia
		Segundo Nombre	(Ciudad y Estado o País)
Czarnecki	Gail		Easton, Missouri
Young	Linda	A.	St. Joseph, Missouri

TITULO DEL INVENTO (280 caracteres máximo)

MEJORAMIENTO DE LAS CONDICIONES DE

ANIMALES DOMESTICOS DE EDAD AVANZADA

DIRECCION DE CORRESPONDENCIA

HILL & SIMPSON

233 South Wacker Drive, 85th Floor Sears Tower

Chicago

Estado: Illinois Código: 60606 País: USA

PARTES ADJUNTAS DE LA SOLICITUD (indicar lo que se aplica)

X Especificaciones Número de Páginas: 15

FORMA DE PAGO (Indicar)

X Cheque o giro adjunto para pagar los derechos Provisionales de presentación

X El Comisionado queda autorizado para cobrar los derechos de presentación y acreditar la cuenta No. 08-2290

DERECHOS PROVISIONALES DE PRESENTACION: \$ 150.00

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Fue elaborado por una entidad del Gobierno de los Estados Unidos, o bajo contrato con entidades del Gobierno de dicho país

X No

Firmado. Fecha: 9/9/99

NOMBRE: Robert M. Barrett

No. de Registro: 30.142

OFICINA DE MARCAS Y PATENTES DE LOS ESTADOS UNIDOS

SOLICITANTE: Czarnecki et al. Expediente No.: P99,1926

No. SERIAL: No se conoce

PRESENTACION: En conjunto con este documento

INVENTO: MEJORAMIENTO DE LA CONDICION DE ANIMALES
DOMESTICOS DE AVANZADA EDAD

Comisionado Asistente de Patentes

Washington, D.C. 20231

CERTIFICADO DE ENVIO POR CORREO EXPRESO

Certifico que los siguientes documentos en relación con la solicitud mencionada fueron depositados en el servicio postal de los Estados Unidos, correo Expreso "Oficina Postal al Destinatario" en Septiembre 9, 1999.

1. Portada de la Solicitud Provisional (en duplicado)
2. Especificaciones (15 páginas);
3. Cheque por \$150.00 dólares; y
4. Tarjeta de Devolución

Firma de la persona que envía el Correo Expreso

Septiembre 9, 1999

Etiqueta de Correo Expreso No. EL 345 371 129 US

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1. Un método para mejorar las condiciones de las mascotas de avanzada edad, el cual comprende la administración al animal de una cantidad eficaz de un compuesto nutricional que contiene una fuente de calcio y de vitaminas que poseen propiedades antioxidantes.

2. Un método de acuerdo con la reivindicación 1 donde las vitaminas que poseen propiedades antioxidantes son la Vitamina A, o su precursor β -caroteno o ambos y la Vitamina E.

3. Un método de acuerdo con la reivindicación 1 donde la composición nutricional incluye una fuente de zinc.

4. Un método de acuerdo con la reivindicación 1 donde la composición nutricional es un alimento nutricionalmente completo para animales domésticos.

5. Un método de acuerdo con la reivindicación 1 en el cual la composición nutricional comprende además un microorganismo prebiótico y/o probiótico.

6. Un método de acuerdo con la reivindicación 1 donde el microorganismo prebiótico se selecciona a partir del grupo de inulina, fructooligosacaridos y materiales vegetales que contienen inulina y/o fructooligosacáridos.

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7. Un método de acuerdo con la reivindicación 1 donde la composición nutricional comprende además una fuente de glutamina.

8. Un método para mejorar la longevidad de los animales domésticos de avanzada edad, que comprende la administración a dicho animal de una cantidad eficaz de un compuesto nutricional que contiene una fuente de calcio y de vitaminas que poseen propiedades antioxidantes.

9. Un método de acuerdo con la reivindicación 8 donde las vitaminas que poseen propiedades antioxidantes son la Vitamina A, o su precursor β -caroteno o ambos y la Vitamina E.

10. Un método de acuerdo con la reivindicación 8 en el cual el compuesto nutricional incluye una fuente de zinc.

11. Un método de acuerdo con la reivindicación 8 donde la composición nutricional es un alimento nutricionalmente completo para animales domésticos.

12. Un método de acuerdo con la reivindicación 8 en el cual la composición nutricional comprende además un microorganismo prebiótico y/o probiótico.

14. Un método de acuerdo con la reivindicación 12 en el cual el elemento prebiótico se selecciona a partir del grupo de inulina, fructooligosacáridos y un material vegetal que contienen inulina y/o fructooligosacáridos.

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15. Un método de acuerdo con la reivindicación 8 en el cual la composición nutricional comprende además una fuente de glutamina.

16. Un método para mejorar la longevidad de gatos de edad avanzada, que comprende la administración a dicho animal de una cantidad eficaz de un compuesto nutricional que contiene una fuente de calcio y de zinc y vitamina A, o su precursor β -caroteno o ambos y Vitamina E.

17. Un método de acuerdo con la reivindicación 16 en el cual al gato de avanzada de edad se le administra una cantidad diaria de por lo menos 0.25 g/kg de peso corporal de β -caroteno aproximadamente, y como mínimo 3.5 IU/kg de peso corporal de vitamina E aproximadamente, y como mínimo 0.15 g/kg de peso corporal de calcio aproximadamente y como mínimo un valor aproximado de 2.5 mg/kg de peso corporal de zinc.

18. Un método para mejorar la longevidad de un perro de edad avanzada, que comprende la administración a dicho animal de una cantidad eficaz de un compuesto nutricional que contiene una fuente de calcio y de zinc y vitamina A, o su precursor β -caroteno o ambos y Vitamina E.

19. Un método de acuerdo con la reivindicación 16 en el cual el perro de avanzada de edad se le administra una cantidad diaria de por lo menos las siguientes cantidades aproximadas: 0.2 g/kg de peso corporal de β -caroteno, por lo menos 3 IU/kg de peso corporal de vitamina E, por lo menos 0.12 g/kg de peso corporal de calcio y como mínimo 2 mg/kg de

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peso corporal de zinc.

20. Un alimento para animales domésticos de edad avanzada, donde el alimento comprende una fuente proteínica, una fuente de lípidos y otra de calcio, de zinc, vitamina A o su precursor β -caroteno o ambos y Vitamina E.

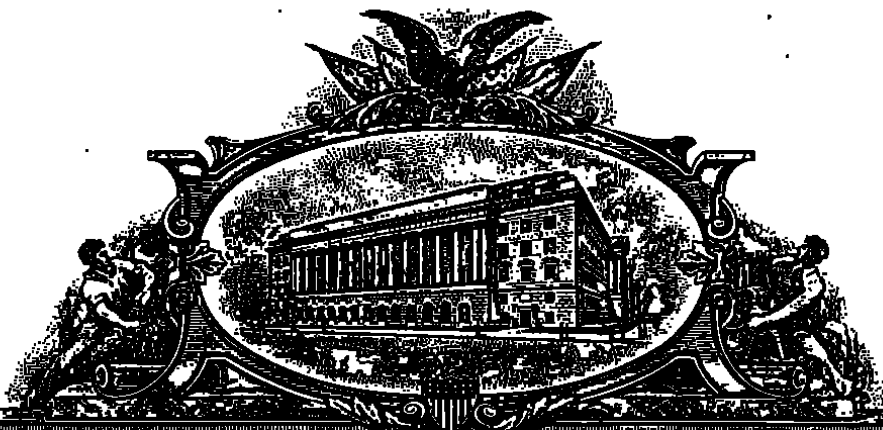
21. Un alimento para animales domésticos de acuerdo con la reivindicación 20 que comprende como mínimo 3 g/1000 kcal de calcio, como mínimo 50 mg/1000 de zinc, como mínimo 140000 IU/1000 de vitamina A y como mínimo 5 mg/1000 kcal de β -caroteno, y como mínimo 150 IU/1000 kcal de vitamina E.

La anterior es Traducción Oficial de un documento presentado originalmente en inglés. Esta traducción fue realizada por GABRIEL RUEDA CHADID (Traductor Oficial). Resolución 5996 del Minjusticia, por lo cual estampo mi Sello y Firmo.

Santafé de Bogotá D.C., Septiembre 14 del 2000.


GABRIEL RUEDA CHADID
TRADUCTOR OFICIAL
RESOLUCION 5996 DE NOV. 29-82
MINISTERIO DE JUSTICIA

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THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

July 11, 2000

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A FILING DATE UNDER 35 USC 111.

APPLICATION NUMBER: 60/152,984 ✓

FILING DATE: September 09, 1999



**By Authority of the
COMMISSIONER OF PATENTS AND TRADEMARKS**

N. Woodson
N. WOODSON

Certifying Officer

PROVISIONAL APPLICATION COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION under 37 CFR 1.53 (b)(2).

Docket Number		P99,1926		Type a plus sign (+) inside this box -->		+	
INVENTOR(s)/APPLICANT(s)							
LAST NAME		FIRST NAME		MIDDLE INITIAL		RESIDENCE (CITY AND EITHER STATE OR FOREIGN COUNTRY)	
Czarnecki Young		Gail Linda		A.		Easton, Missouri St. Joseph, Missouri	
TITLE OF THE INVENTION (280 characters max)							
IMPROVING CONDITION OF ELDERLY PETS							
CORRESPONDENCE ADDRESS							
HILL & SIMPSON 233 South Wacker Drive, 85th Floor Sears Tower Chicago							
STATE		Illinois		ZIP CODE		60606	
				COUNTRY		USA	
ENCLOSED APPLICATION PARTS (check all that apply)							
☒ Specification Number of Pages 15							
☐ Drawing(s) Number of Sheets							
☐ Small Entity Statement							
☐ Other (specify)							
METHOD OF PAYMENT (check one)							
☒ A check or money order is enclosed to cover the Provisional filing fees							
☐ The Commissioner is hereby authorized to charge							
Filing fees and credit Deposit Account Number: 08-2290							
PROVISIONAL FILING FEE AMOUNT (\$)						\$150.00	

This invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.

☐ Yes, the name of the U.S. Government agency and the Government contract number are

Respectfully submitted

SIGNATURE

Date

TYPED or PRINTED NAME Robert M. Barrett

REGISTRATION NO. (if appropriate) 30,142

☐ Additional inventors are being named on separately numbered sheets attached here to

PROVISIONAL APPLICATION FILING ONLY

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Office of Assistance Quality and Enhancement Division, Patent and Trademark Office, Washington, DC 20231, and to the Office of Information and Regulatory Affairs, Office of Management and Budget (Project 0651-0037), Washington, DC 20503. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Czarniecki et al. ATTY. DOCKET NO.: P99,1926

SERIAL NO: Unknown

FILED: Herewith

INVENTION: "IMPROVING CONDITION OF ELDERLY PETS"

Assistant Commissioner for Patents

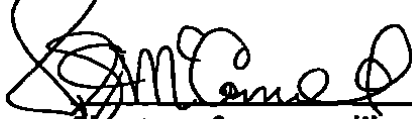
Washington, D.C. 20231

CERTIFICATE OF MAILING BY EXPRESS MAIL

Sir:

I hereby certify that the following documents relating to the above-identified application were deposited in the United States Postal Service Express Mail "Post Office to Addressee" on September 9, 1999:

1. Provisional Application Cover Sheet (in duplicate);
2. Specification (15 pages);
3. Check for \$150.00; and
4. Return Receipt Postcard.



Signature of person mailing Express Mail

September 9, 1999

Express Mail Label No. EL 345 371 129 US

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NO6392

Patent Application

Title: Improving Condition of Elderly Pets

Inventors: G. Czarnecki
L. Young

666060-18625109

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53Field of the Invention

This invention relates to a composition for improving the condition of elderly pets. The invention also relates to a method for improving the condition of elderly pets.

Background of the Invention

Elderly pets often become frail in their last few years of life. From an appearance point of view, they become thin and have poor skin and coat condition. Other symptoms include joint stiffness, energy loss, weight gain, increased water intake, and digestive system problems. Also, the density of their bones may decrease making them susceptible to bone breakage. Further, elderly pets may be more susceptible to cancers than younger animals.

Certain of these problems may be effectively treated using medication. However, a better alternative would be to delay the onset of these problems, or treat these problems, through the diet. In particular, elderly animals should be fed a balanced, maintenance food that contains high quality protein, lower amounts of fat to reduce energy intake, dietary fiber, and antioxidants.

However, despite the use of balanced, maintenance foods, the condition of elderly animals may deteriorate rapidly. Therefore there is a need for nutritional ways of improving the condition and/or longevity of elderly pets.

Summary of the Invention

Accordingly, in one aspect, this invention provides a method for maintaining or improving the condition of elderly pets, the method comprising administering to the pet an effective amount of a nutritional composition which contains a calcium source and a source of vitamins which have antioxidant properties.

It is surprisingly found that the condition of elderly pets which are administered a calcium source, and a source of vitamins which have antioxidant properties, markedly improves. Further, the survivability and hence longevity of the pets improve.

In a further aspect, this invention provides a method for improving the longevity of elderly pets, the method comprising administering to the pet an

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effective amount of a nutritional composition which contains a calcium source and a source of vitamins which have antioxidant properties.

Preferably, the nutritional composition includes a source of zinc. The nutritional composition may also contain a source of glutamine.

5 The nutritional composition may also include a nutritional agent which promotes the growth of bifido- and lactic-bacteria in the gastro-intestinal tract of the pet. For example, the nutritional agent may be a prebiotic or a probiotic micro-organism.

10 Preferably, the nutritional composition is a complete and nutritionally balanced pet food.

In another aspect, this invention provides a pet food for elderly pets, the pet food comprising a protein source, a lipid source, a calcium source, a zinc source, vitamin A, or its precursor β -carotene, or both, and vitamin E.

15 The pet food may comprise at least about 3 g/1000 kcal of calcium, at least about 50 mg/1000 of zinc, at least about 14000 IU/1000 vitamin A, at least about 5 mg/1000 kcal of β -carotene, and at least about 150 IU/1000 kcal of vitamin E.

20 "Prebiotic" means a substance or compound which is fermented by the intestinal flora of the pet and hence promotes the growth or development of bifido- and lactic-bacteria in the gastro-intestinal tract of the pet at the expense of pathogenic bacteria. The result of this fermentation is a release of fatty acids, in particular short-chain fatty acids in the colon. This has the effect of reducing the pH value in the colon.

25 "Probiotic micro-organism" means a micro-organism which beneficially affects a host by improving its intestinal microbial balance (Fuller, R; 1989; Applied Bacteriology, 66: 365-378). In general, probiotic micro-organisms produce organic acids such as lactic acid and acetic acid which inhibit the growth of pathogenic bacteria such as *Clostridium perfringens* and *Helicobacter pylori*.

30 Detailed Description of the Preferred Embodiments

Embodiments of the invention are now described by way of example only. The invention is based upon the finding that the administration to an elderly pet of an effective amount of a calcium source and a source of vitamins which have antioxidant properties, improves the condition and/or longevity of the pet.

35 The calcium source and the source of vitamins which have antioxidant properties, are administered as part of a nutritional composition. The nutritional

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composition is conveniently formulated into a pet food. The pet food may be any suitable pet food, for example a canned pet food, a semi-moist pet food, or a dried pet food. Further, the exact composition of the pet food is not critical.

5 The pet food contains a source of vitamins which have antioxidant properties. Suitable vitamins include vitamin A, including its precursor form β -carotene, vitamin E and vitamin C. Preferably the pet food contains vitamin A, including its precursor form β -carotene, and vitamin E.

10 The vitamin A may be present in an amount of about 14000 IU/1000 kcal to about 190000 IU/1000 kcal. If β -carotene is used, it may be present in an amount above about 4 mg/1000 kcal. For example, the nutritional composition may contain about 14000 IU/1000 kcal vitamin A and about 5 mg/1000 kcal of β -carotene. The vitamin E may be present in an amount of above about 75 IU/1000 kcal; for example above about 150 IU/1000 kcal.

15 The pet food contains a calcium source. Suitable calcium sources include calcium carbonate, calcium phosphate (di or tribasic), calcium chloride, calcium citrate bone meal (or bones, for example, chicken necks & backs), or other bioavailable sources of calcium. The pet food preferably contains about 1.5 g/1000 kcal to about 5 g/1000 kcal of calcium; for example about 4.5 g/1000 kcal.

20 The pet food may also contain vitamin D, vitamin K and zinc. The vitamin D may be present in an amount of about 500 IU/1000 kcal to about 190000 IU/1000 kcal. The vitamin K may be present in an amount of above about 0.07 mg/1000 kcal; for example about 0.125 mg/1000 kcal. Other minerals and vitamins may also be included.

25 The pet food preferably contains a source of zinc. Zinc may be provided in the form of zinc sulfate, zinc oxide and zinc-methionine. Further, many ingredients commonly used in pet foods are sources of zinc. The pet food preferably contains about 50 mg/1000 kcal to 500 mg/1000 kcal of zinc.

30 The pet food may contain a protein source. Any suitable protein source may be used. Suitable protein sources may be selected from any suitable animal or vegetable protein source; for example muscular or skeletal meat, meat and bone meal, poultry meal, fish meal, milk proteins, corn gluten, wheat gluten, soy flour, soy protein concentrates, soy protein isolates, egg proteins, whey, casein, gluten, and the like. For elderly animals, it is preferred for the protein source to
35 contain a high quality animal protein.

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The amount of protein provided by the protein source may be selected as desired. For example, the pet food may contain about 12% to about 70% by weight of protein on a dry basis.

5 The pet food may contain a carbohydrate source. Any suitable carbohydrate source may be used. Preferably the carbohydrate source is provided in the form of grains, flours and starches. For example, the carbohydrate source may be rice, barley, sorghum, millet, oat, corn meal or wheat flour. Simple sugars such as sucrose, glucose and corn syrups may also be used.

10 The amount of carbohydrate provided by the carbohydrate source may be selected as desired. For example, the pet food may contain up to about 60% by weight of carbohydrate.

The pet food may contain a fat source. Any suitable fat source may be used; both animal fats and vegetable fats. Preferably the fat source is an animal fat source such as tallow. Vegetable oils such as corn oil, sunflower oil, safflower oil, rape seed oil and the like, may also be used. If desired, the fat source may include long chain fatty acids. Suitable long chain fatty acids include alpha-linoleic acid, gamma linoleic acid, linoleic acid, eicosapentanoic acid, and docosahexanoic acid. Fish oils are a suitable source of eicosapentanoic acids and docosahexanoic acid. Borage oil, blackcurrent seed oil and evening primrose oil are suitable sources of gamma linoleic acid. Safflower oils, sunflower oils, corn oils and soy bean oils are suitable sources of linoleic acid.

The amount of fat provided by the fat source may be selected as desired. For example, the pet food may contain about 5% to about 40% by weight of fat on a dry basis. Preferably, the pet food has a relatively reduced amount of fat.

The exact composition of the protein source, the carbohydrate source and the fat source is not critical and will be selected based upon palatability, availability, cost and processing considerations.

30 The pet food may also include additional ingredients such as salts, spices, seasonings, flavoring agents, gums, prebiotics and probiotic micro-organisms. Suitable prebiotics include oligosaccharides, such as inulin and its hydrolysis products commonly known as fructooligosaccharides, galacto-oligosaccharides, xylo-oligosaccharides or oligo derivatives of starch.

35 The prebiotics may be provided in any suitable form. For example, the prebiotic may be provided in the form of plant material which contains the prebiotic. Suitable plant materials includes asparagus, artichokes, onions, wheat

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or chicory, or residues of these plant materials. Alternatively, the prebiotic may be provided as an inulin extract. Extracts from chicory are particularly suitable. Suitable inulin extracts are commercially available.

5 The probiotic micro-organism may be selected from one or more micro-organisms suitable for animal consumption and which is able to improve the microbial balance in the intestine.

10 Examples of suitable probiotic micro-organisms include yeasts such as *Saccharomyces*, *Debaromyces*, *Candida*, *Pichia* and *Torulopsis*, moulds such as *Aspergillus*, *Rhizopus*, *Mucor*, and *Penicillium* and *Torulopsis* and bacteria such as the genera *Bifidobacterium*, *Bacteroides*, *Clostridium*, *Fusobacterium*,
15 *Melissococcus*, *Propionibacterium*, *Streptococcus*, *Enterococcus*, *Lactococcus*, *Staphylococcus*, *Peptostreptococcus*, *Bacillus*, *Pediococcus*, *Micrococcus*, *Leuconostoc*, *Weissella*, *Aerococcus*, *Oenococcus* and *Lactobacillus*. Specific examples of suitable probiotic micro-organisms are: *Saccharomyces cerevisiae*,
20 *Bacillus coagulans*, *Bacillus licheniformis*, *Bacillus subtilis*, *Bifidobacterium bifidum*, *Bifidobacterium infantis*, *Bifidobacterium longum*, *Enterococcus faecium*, *Enterococcus faecalis*, *Lactobacillus acidophilus*, *Lactobacillus alimentarius*, *Lactobacillus casei* subsp. *casei*, *Lactobacillus casei* Shirota, *Lactobacillus curvatus*, *Lactobacillus delbrueckii* subsp. *lactis*, *Lactobacillus farciminus*, *Lactobacillus gasseri*, *Lactobacillus helveticus*, *Lactobacillus johnsonii*, *Lactobacillus reuteri*, *Lactobacillus rhamnosus* (*Lactobacillus* GG), *Lactobacillus sake*, *Lactococcus lactis*, *Micrococcus varians*, *Pediococcus acidilactici*, *Pediococcus pentosaceus*, *Pediococcus acidilactici*, *Pediococcus halophilus*, *Streptococcus faecalis*, *Streptococcus thermophilus*, *Staphylococcus carnosus*, and *Staphylococcus xylosus*. The probiotic micro-organisms may be in powdered, dried form; especially in spore form for micro-organisms which form spores. Further, if desired, the probiotic micro-organism may be encapsulated to further increase the probability of survival; for example in a sugar matrix, fat matrix or polysaccharide matrix.

30 The pet food may also include a glutamine source. Suitable sources of glutamine include glutamine in free amino acid form, glutamine in di-peptide form, and proteins obtained from sorghum, millet, oat, and carob. Gluten also provides a suitable source of glutamine.

35 The pet food may be produced using any suitable process. Suitable processes for wet products include the following:-

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i) to produce a thermally gelled emulsion which sets upon cooling, a suitable meat material is comminuted to produce a meat batter. Suitable gelling agents, for example starches and gums such as kappa-carrageenan, locust bean gum, guar gum, and xanthan gum may be added to the meat batter. Usually no more than about 1% by weight of gum is needed.

Water may also be added the meat batter to provide from about 70% to about 85% by weight of moisture. If sufficient moisture is present in the meat material, water need not be added.

The meat batter is then heated to a temperature suitable to initiate thermal gelling of the mixture; for example a temperature of about 40°C to about 65°C in a mixer-cooker. Steam may be injected into the meat batter if desired. The heated meat batter may be emulsified if desired. The meat batter is then maintained at a temperature of about 40°C to about 65°C until needed. After retorting and cooling to room temperature, the meat batter forms a thermally gelled emulsion which is substantially solid or at least holds its form.

ii) To produce solid food pieces in gravy or gel, solid pieces of meat or other material, or both, may be mixed with a gravy. Solid pieces of other materials may also be used; such as rice grains, pasta or noodles, vegetable pieces, and the like.

The solid food pieces may be in the form of pieces of a thermally gelled matrix. The pieces of the thermally gelled matrix may be produced by any suitable procedure, for example the procedures described in US patents 4,781,939, 5,132,137 and 5,567,466 and PCT application WO 97/02760; the disclosures of which are incorporated by reference.

The thermally gelled matrix may be formed in suitable equipment such as an emulsion mill or an extruder to form pieces or chunks. If an extruder is used, the emulsion may be forced through an orifice to provide the emulsion with a desired shape; for example of oval, square or rectangular cross-section. The extrudate may then be cooked in a suitable continuous cooking system; for example a tunnel oven using hot air, steam, mixtures of hot air and steam, or microwaves as the heating medium. The core temperature of the extrudate is raised such that the extrudate undergoes thermal gelling. For example, the core temperature may be raised to at least about 80°C; for example about 85°C to about 95°C. The gelled extrudate may then be cut into pieces and the pieces cooled to provide pieces of a thermally gelled matrix. The pieces may be

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subjected to flaking if desired. The cooling may be carried out by spraying water on the pieces. Alternatively, other cooling media may be used.

5 If a gravy is used with the solid food pieces, it may be produced from water, one or more starch or gums, and suitable flavoring agents. The gravy preferably comprises about 20% to about 80% by weight of the mixture of solid pieces and
10 gravy. Suitable gums are kappa-carrageenan, locust bean gum, guar gum and xanthan gum.

10 If a gel is used with the solid food pieces, it may be produced from a suitable gelling agent, water and suitable flavoring agents. The gel preferably comprises about 20% to about 80% by weight of the mixture of solid pieces and
15 gravy. Suitable gelling agents are proteins such as gelatin; gums such as alginates, kappa-carrageenan, locust bean gum, guar gum and xanthan gum, and the like. The gel or aspic may be prepared as is conventional.

15 Products which use a combinations of the processes described above may also be used. For example, a thermally gelled emulsion may be prepared as described above. Then solid food pieces, which may be pieces of a thermally
20 gelled matrix, meat pieces, vegetable pieces, combinations of these pieces, and the like, are combined with the thermally gelled emulsion. As a further alternative, combinations of thermally gelled emulsions and solid food pieces in
25 gravy or gel, may be used. Suitable combinations are described in WO 98/05218 and WO 98/05219; the disclosures of which are incorporated by reference.

25 The pet foods are then filled into cans or other containers, the containers sealed, and the products retorted in the normal manner. Suitable equipment is commercially available.

25 A suitable process for a dried pet food is cooking a feed mixture of the various ingredients, forming the cooked mixture into pellets, drying, and then coating the pellets with flavors. The cooking and forming steps are preferably
30 carried out using an extruder. However, the pellets may be produced by other cooking procedures such as baking.

30 The amount of the pet food to be consumed by the pet to obtain a beneficial effect will depend upon the size of the pet, the type of pet, and age of the pet. However an amount of the nutritional composition to provide a daily amount of
35 at least about 0.2 g/kg body weight of β -carotene, at least about 3 IU/kg body weight of vitamin E, and at least about 0.12 g/kg body weight of calcium, would usually be adequate. Preferably at least about 2 mg/kg body weight of zinc is administered. For example, for a cat weighing about 4 kg, a daily amount of at

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least about 0.25 g/kg body weight of β -carotene, at least about 3.5 IU/kg body weight of vitamin E, at least about 0.15 g/kg body weight of calcium and at least about 2.5 mg/kg body weight of zinc, may be fed. For example, for a dog weighing about 20 kg, a daily amount of at least about 0.2 g/kg body weight of β -carotene, at least about 3 IU/kg body weight of vitamin E, at least about 0.12 g/kg body weight of calcium and at least about 2 mg/kg body weight of zinc, may be fed.

Numerous modifications may be made to the embodiments described above without departing from the scope of the invention. Specific examples are now described for further illustration.

Example 1

Thirty six cats are used in the trial. The cats are at least 10 years of age and are in a frail or borderline frail condition. Both male and female cats are used and the numbers are roughly equal across treatments. The cats are screened for hyperthyroidism.

The cats are separated into 4 groups of 9 cats each. Each group has roughly the same amount of hyperthyroid cats as any other group. Also, the male:female ratio for each group is roughly the same.

Each cat is housed in a cage and is subjected to a light cycle of 12 hours darkness and 12 hours light. The temperature is ambient. The cages are cleaned daily. Each cat has *ad libitum* access to food and water except prior to the taking of any blood sample when the cats are fasted overnight.

All cats are fed a canned control diet for a pre-test period of 7 weeks. Urine samples are collected and analyzed for urinary deoxypyridinoline (UDP) and urinary malondialdehyde (MDA). The MDA analysis is made once the cats have been on the control diet for at least 5 days. A DEXA scan (Dual Energy X-Ray Absorptiometry, a non-invasive method for measuring body composition and bone density) is performed on the whole body and spine of each cat. A blood sample is taken and total antioxidant status, blood fatty acid profiles, blood glutathione peroxidase levels, blood superoxidase levels, calcium, phosphorus, blood parathyroid hormone levels (Complete Blood Count, hemoglobin, hematocrit, red blood cell number), albumin, protein, liver function enzymes (SGPT, SGOT), glucose, and cholesterol are determined.

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Each group of cats is then fed a different diet for a period of 6 months. The diets are as follows:

Control Diet:- A canned pet food which is highly palatable to cats. The food contains 24.7% added water, about 73.7% meat, about 1% starch, and flavors, minerals and vitamins; all by weight. The food contains normal levels of vitamins and minerals.

Diet A:- The control diet but containing an additional 5 mg/1000 kcal of β -carotene and 100 IU/1000 kcal of vitamin E;

Diet B:- The control diet but containing an additional 3 g/100 kcal calcium, 1500 IU/1000 kcal vitamin D, 0.05 mg/1000 kcal vitamin K and 40 mg/1000 zinc.

Diet 1:- The control diet but containing and additional 5 mg/1000 kcal of β -carotene, 100 IU/1000 kcal of vitamin E, 3 g/100 kcal calcium, 1500 IU/1000 kcal vitamin D, 0.05 mg/1000 kcal vitamin K and 40 mg/1000 zinc.

The cats are examined upon commencement of the trial, after 3 months and after 6 months. The examination includes:

- a physical examination;
- a subjective assessment of body condition;
- a DEXA scan on the whole body and spin;

- determination of urinary deoxypyridinoline (UDP), urinary malondialdehyde (MDA), total antioxidant status, blood fatty acid profiles, blood glutathione peroxidase levels, blood superoxidase levels, calcium balance, blood parathyroid hormone levels (Complete Blood Count, hemoglobin, hematocrit, red blood cell number), albumin, protein, liver function enzymes (SGPT, SGOT), glucose, and cholesterol.

The results are as follows:-

	Control Diet	Diet A	Diet B	Diet 1
Surviving cats	75%	75%	55%	100%
Hemoglobin	11 g/dl	12.1 g/dl	11 g/dl	12.1 g/l
Red Blood cell No (m/cu mm)	7	8	7	8
Superoxide dismutase (unit/ml)	175	240	175	240

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When expressed a change from initial value (final value minus initial value), the following results are obtained:-

	Control Diet	Diet A	Diet B	Diet 1
Hematocrit (%)	1.5	3.6	-0.4	3.6
Red Blood cell (m/cu mm)	0.3	0.8	-0.5	0.8
Total protein	-0.6	-0.3	-0.8	0.3

- 5 All cats fed Diet 1 have improved longevity. The cats fed diets A and 1 have a significant improvement in hematocrit, hemoglobin, and red blood cell levels. While total blood protein decreases in cats fed the control diet, it does not decrease in cats fed diets A and 1. Decreased hemoglobin, hematocrit, red blood cell number, and protein are commonly observed in elderly pets. Diet B, which
- 10 contains calcium but not the antioxidant vitamins A and E, performs worse than the control. Hence combining calcium with the antioxidant vitamins A and E offers a surprising and synergistic improvement.

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1. A method for improving the condition of elderly pets, the method comprising administering to the pet an effective amount of a nutritional composition which contains a calcium source and a source of vitamins which have antioxidant properties.
2. A method according to claim 1 in which the vitamins which have antioxidant properties are vitamin A, or its precursor β -carotene, or both, and vitamin E.
3. A method according to claim 1 in which the nutritional composition includes a zinc source.
4. A method according to claim 1 in which the nutritional composition is a nutritionally complete pet food.
5. A method according to claim 1 in which the nutritional composition further comprises a prebiotics and/or a probiotic micro-organism.
6. A method according to claim 5 in which the prebiotic is selected from the group of inulin, fructooligosaccharides and plant materials which contain inulin and/or fructooligosaccharides.
7. A method according to claim 1 in which the nutritional composition further comprises a source of glutamine.
8. A method for improving the longevity of elderly pets, the method comprising administering to the pet an effective amount of a nutritional composition which contains a calcium source and a source of vitamins which have antioxidant properties.
9. A method according to claim 8 in which the vitamins which have antioxidant properties are vitamin A, or its precursor β -carotene, or both, and vitamin E.

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10. A method according to claim 8 in which the nutritional composition includes a zinc source.
- 5 11. A method according to claim 8 in which the nutritional composition is a nutritionally complete pet food.
12. A method according to claim 8 in which the nutritional composition further comprises a prebiotics and/or a probiotic micro-organism.
- 10 14. A method according to claim 12 in which the prebiotic is selected from the group of inulin, fructooligosaccharides and plant materials which contain inulin and/or fructooligosaccharides.
- 15 15. A method according to claim 8 in which the nutritional composition further comprises a source of glutamine.
- 20 16. A method for improving the longevity of an elderly cat, the method comprising administering to the cat an effective amount of a nutritional composition which contains a calcium source, a zinc source and vitamin A, or its precursor β -carotene, or both, and vitamin E.
- 25 17. A method according to claim 16 in which the elderly cat is administered a daily amount of at least about 0.25 g/kg body weight of β -carotene, at least about 3.5 IU/kg body weight of vitamin E, at least about 0.15 g/kg body weight of calcium and at least about 2.5 mg/kg body weight of zinc.
- 30 18. A method for improving the longevity of an elderly dog, the method comprising administering to the dog an effective amount of a nutritional composition which contains a calcium source, a zinc source and vitamin A, or its precursor β -carotene, or both, and vitamin E.
- 35 19. A method according to claim 16 in which the elderly dog is administered a daily amount of at least about 0.2 g/kg body weight of β -carotene, at least about 3 IU/kg body weight of vitamin E, at least about 0.12 g/kg body weight of calcium and at least about 2 mg/kg body weight of zinc.

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20. A pet food for elderly pets, the pet food comprising a protein source, a lipid source, a calcium source, a zinc source, vitamin A, or its precursor β -carotene, or both, and vitamin E.

- 5 21. A pet food according to claim 20 which comprises at least about 3 g/1000 kcal of calcium, at least about 50 mg/1000 of zinc, at least about 14000 IU/1000 vitamin A, at least about 5 mg/1000 kcal of β -carotene, and at least about 150 IU/1000 kcal of vitamin E.

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TRADUCCION OFICIAL No. 252

LEGALIZACION DE UN DOCUMENTO PRESENTADO PARTE EN FRANCES Y PARTE EN INGLES. TRASPASO INVENCION "IMPROVING CONDITION OF ELDERLY PETS" A LA SOCIETE DES PRODUITS NESTLE S.A.

RECONOCIMIENTO PERSONAL

ESTADO DE MISSOURI

SS

CONDADO DE BUCHANAM

El 2 de Agosto, 2000, ante mí, **Connie J. Heard**, el suscrito Notario Público, comparecieron personalmente **GAIL CZARNECKI-MAULDEN** y **LINDA YOUNG**, a quienes conozco personalmente como las personas cuya firma aparece en el instrumento, y reconocieron que ellas lo firmaron.

EN FE DE LO CUAL, mi firma y sello oficial.

Firmado: **Connie J. Heard**
Firma del Notario Público

Sello: **CONNIE J. HEARD**
Notario Público – Sello Notarial
ESTADO DE MISSOURI
CONDADO DE BUCHANAM
MI COMISION EXPIRA JULIO 10, 2002


DATA SALAMANCA DE ABRIL
TRADUCTORA OFICIAL
REG. MINISTROS 1238

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OPCIONAL

Aunque la información de esta sección no se requiere legalmente, puede resultar valiosa para las personas que dependen del documento y puede evitar el retiro fraudulento de este formato o que el mismo se anexe de nuevo a otro documento.

Descripción del Documento Anexo

Título o Tipo de Documento: Poder con Traspaso No. 6392/Co/NP

Fecha del Documento: 8/2/00 Número de páginas: 2

Signatarios diferentes de los arriba nombrados: NINGUNO


SALA SALAMANCA DE ASES
TRADUCTORA OFICIAL
REG. MINJUSTICIA 1234

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TRADUCCION OFICIAL No. 151/00 DE UN DOCUMENTO ESCRITO EN FRANCES, EL CUAL PARA SU IDENTIFICACION SE SELLA CON EL SELLO DEL TRADUCTOR. ESTA ES UNA TRADUCCION OFICIAL EFECTUADA EL DIA 14 DE SEPTIEMBRE DEL AÑO 2000 POR JEAN-JACQUES TURPIN, C.E.: 193849 DE BOGOTA, TRADUCTOR OFICIAL SEGUN RESOLUCION No. 2680/91 DEL 19 DE DICIEMBRE DE 1991, EXPEDIDA POR EL MINISTERIO DE JUSTICIA DE COLOMBIA.

Autenticaciones que se hallan a continuación de un poder con cesión (para patentes) conferido en español y en inglés por CZARNECKI Gail y YOUNG Linda A., domiciliados respectivamente en 3550 SE 95th Street, EASTON, MO 64443, Estados Unidos de América y 2402 NE Parkway, St Joseph, MO 64506, Estados Unidos de América, y concedido a JOSÉ LLOREDA CAMACHO & CO., Apartado Aereo 12304, Bogotá, Colombia, para solicitar y obtener de las oficinas y autoridades nacionales de Colombia la patente de invención por "Improving Condition of Ederly Pets" cuyo título deberá extenderse a nombre de **Société des Produits Nestlé S.A.**, sin restricción de ninguna clase, por el pago de la suma de UN DÓLAR AMERICANO. Dado en St. Joseph, MO, Estados Unidos de América.

Firma ilegible de CZARNECKI Gail y YOUNG Linda A.

Legalización No.1430 de la firma del Señor CZARNECKI Gail y Señora YOUNG Linda A, domiciliados respectivamente en Easton, Estados Unidos de América y Saint Joseph, Estados Unidos de América por parte de la Señora Brigitte Fahrni Chiusano, Notario en Vevey, Cantón de Vaud, Suiza.

Dado en Vevey, el 15 de Agosto del año 2000. Firma ilegible del Notario. Estampilla por valor de 4 Francos. Sello: Brigitte Fahrni Chiusano - Notario.

Traducción Oficial No. 151/00
JEAN - JACQUES H. TURPIN
Traductor e Intérprete Oficial
FRANCOIS - ESPANOL
Res. Minjusticia No. 2680/91

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Legalización de la firma y sello de Brigitte Fahrni Chiusano, Notario en Vevey, por la Cancillería de Estado del Cantón de Vaud (Suiza), bajo el No. 6165.

Dado en Lausana, el 16 de Agosto del año 2000. Firma ilegible de G. Bouthiaux. Por el Canciller de Estado. Sello: Cancillería del Consejo de Estado - Libertad y Patria.

Emolumentos: 25 F.

EN ESPAÑOL. Legalización de la firma de Ginette Bouthiaux por el Consulado de Colombia en Berna, el 25 de Agosto del año 2000, bajo el No.1341. Pagado el impuesto de timbre por valor de veintidós dólares (U.S.\$22.00). Sello del Consulado de Colombia en Berna. Firma del Segundo Secretario Encargado de las Funciones Consulares, José Ignacio Arbeláez M.

Legalización de la firma de José Ignacio Arbeláez M. por el Ministerio de Relaciones Exteriores en Bogotá No. 532286 del 14 de Septiembre del año 2000. Firma y sello del Jefe de legalizaciones.

Es traducción fiel y completa de la cual se deja copia en los archivos de esta oficina para confrontación y a la cual me remito.

Traducción oficial No.151/00.

Traductor: Jean-Jacques Turpin.

Santafé de Bogotá, D.C., 14 de Septiembre del año 2000.

Traducción Oficial No. 151/00
JEAN - JACQUES H. TURPIN
Traductor e Intérprete Oficial
FRANCOIS - ESPAGNOL
Reg. Minjusticia No. 2680/91



INDIVIDUAL ACKNOWLEDGMENT

State of Missouri }
County of Buchanan } ss.

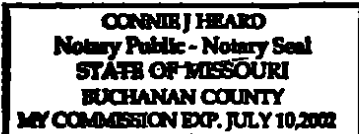
On this the 2nd day of August, 2000,
before me, Connie J. Heard,
Name of Notary Public

the undersigned Notary Public, personally appeared
Gail Czarnecki-Maulden Linda Young,
Name of Signer(s)

☒ Personally Known to me
☐ Proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed
to the within instrument, and acknowledged that
he/she/they executed it.

WITNESS my hand and official seal.



Connie J. Heard
Signature of Notary Public

OPTIONAL

Though the information in this section is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Power With Assignment NO 6392/CO/NP
Document Date: 8/2/00 Number of Pages: 2
Signer(s) Other Than Named Above: NONE

**RIGHT THUMBPRINT
OF SIGNER**
Top of thumb here

MINISTERIO DE RELACIONES
EXTERIORES
342938
Cuya firma aparece en el
documento desempeña
las funciones indicadas

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RESPONSABILIDAD DEL TEXTO
2008 SEP 25 A 11/28
JEFE DE LEGALIZACIONES
SANTAFÉ DE BOGOTÁ D.C.

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Power With Assignment / Poder con Cesión

(PATENTS/PATENTES)

NO 6392/CO/NP

Société Des Produits

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The undersigned / El abajo firmado (Inventors' details and signature : bottom of page)

hereby appoints

Jose Lloreda Camacho & CO
Apartado Aereo 12304
BOGOTA
Colombia

as attorneys with special and sufficient powers to apply for and obtain from the competent National offices and authorities of Colombia Letters Patent for

"Improving Condition of Elderly Pets"

to be issued in the name of

Société des Produits Nestlé S.A.

to whom assignment has been made of all right and title to the said invention for the territory of Colombia aforesaid without any restriction whatsoever, the consideration for the said assignment being the sum of

One US dollar

receipt whereof is hereby acknowledged. The assignee also signs these presents in token of acceptance of the said assignment and hereby authorizes the said attorneys to take all necessary steps before the said offices and authorities for the purpose above stated; to make petitions, declarations and claims; to draw and sign specifications, amendments and appeals; to pay all fees and instalments and to make all payments required by law and withdraw the same if necessary; to receive all documents and securities giving proper receipts therefor; to desist and to receive; to fulfil all other requisites and, finally, to use all means which said attorneys shall deem proper for the safeguard of the interests of the constituent, who hereby ratifies and confirms all and whatsoever the said attorneys shall lawfully do by virtue of these presents, with full powers of substitution and revocation.

Given and signed at

St. Joseph, MO USA

nombra por el presente a

Jose Lloreda Camacho & Co.

Apartado Aereo 12304, BOGOTA, Colombia
como apoderados con poder especial suficiente para solicitar y obtener de las oficinas y autoridades nacionales de Colombia

patente de invención por "Mejoramiento de la Condición de Mascotas Anosas"
cuyo título deberá extenderse a nombre de

Société des Produits Nestlé S.A.

a quien ha cedido todos sus derechos a la invención arriba citada en cuanto se refiere al territorio de Colombia

sin restricción de ninguna clase, por el pago de la suma de

Un dólar Americano

que declara haber recibido. El cesionario firma también el presente en prueba de aceptación de la cesión y autoriza a los expresados apoderados para dar ante dichas oficinas y autoridades todos los pasos necesarios al objeto indicado; elevar solicitudes, declaraciones y reclamos; formular y firmar descripciones, enmiendas y apelaciones; pagar todos los impuestos y cuotas y efectuar toda clase de pagos determinados por la ley y retirar los mismos si fuera necesario; recibir todos los documentos y valores dando el descargo respectivo; desistir y percibir; llenar cualesquiera otros requisitos y tomar, en fin, todas las medidas que creyeren conducentes al resguardo de los intereses del mandante, el que ratifica y confirma por el presente todo cuanto hicieren legalmente dichos apoderados en virtud del presente poder, con plena facultad de sustitución y revocación.

Dado y firmado en

St. Joseph, MO, Estados Unidos de América

Inventors' details and signature(s)

CZARNECKI Gail
3550 SE 95th Street
EASTON, MD 64443
U.S.A.
Citizen of U.S.A.
Research Nutritionist
Assignment date : 15.08.1990

YOUNG Linda A.
2402 NE Parkway
St Joseph, MO 64506
U.S.A.
Citizen of U.S.A.
Engineer
Assignment date : 08.05.1988

x Gail A. Czarnicki - Mauder x Linda Young

Form to be legalised.

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On this _____
Notary Public

Légalisation No 1'430.-

Le notaire Brigitte Fahrni Chiusano à Vevey, Canton de Vaud, Suisse, certifie authentiques les signatures apposées en page une par M. Gail Czarnecki, domicilié à Easton, Etats-Unis d'Amérique et Mme Linda Young, domiciliée à Saint Joseph, Etats-Unis d'Amérique.

VEVEY, le QUINZE AOUT DEUX MILLE.



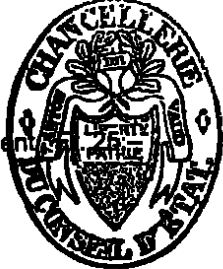
Brigitte Fahrni not.

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No 6165 VU A LA CHANCELLERIE D'ETAT DU CANTON
DE VAUD (SUISSE), POUR LEGALISATION DE LA SIGNATURE
ET DU SCEAU de Brigitte Fahrni Chiusano notaire à Vevey



LAUSANNE, le 16 août 2000



Emolument

pr LE CHANCELIER D'ETAT
G. Bouthiaux
G. Bouthiaux

CONG...



RECEIVED
CONSULADO DE COLOMBIA
BERNA
25 AGO 2000

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Consulado de Colombia

Berna

AUTENTICACION DE FIRMA No.

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BERNA, 25 DE AGOSTO DEL 2000

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