

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

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Patent and Trademark Office
PATENT

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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☒ New

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Document ID#

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☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

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☐ Departmental File ☐ Secret File

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	Execution Date
	Month Day Year
Name (line 1) Mostafa S. Fahim	09 27 1989
Name (line 2)	

Second Party

	Execution Date
	Month Day Year
Name (line 1)	
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Name (line 1) Technology Transfer, Inc.	<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)		
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700030095

PATENT
REEL: 013634 FRAME: 0511

Correspondent Name and Address

Area Code and Telephone Number

(314) 878-0440

Name

Grace J. Fishel

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St. Louis, MO 63146

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<div></div>	<div></div>	<div></div>	<div>4,156,427</div>	<div>5,070,080</div>	<div></div>
<div></div>	<div></div>	<div></div>	<div>4,339,438</div>	<div></div>	<div></div>
<div></div>	<div></div>	<div></div>	<div>4,937,234</div>	<div></div>	<div></div>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month

Day

Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	<div></div>	PCT	<div></div>	PCT	<div></div>
PCT	<div></div>	PCT	<div></div>	PCT	<div></div>

Number of Properties

Enter the total number of properties involved.

#

4

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

160.00

Method of Payment: Enclosed ☐ Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

06-1090


Authorization to charge additional fees: Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Grace J. Fishel

Name of Person Signing

Signature

May 9, 2003

Date

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, MOSTAFA S. FAHIM does hereby sell, assign, and transfer to TECHNOLOGY TRANSFER, INC., a Missouri corporation, with registered agent and address of David L. Knight, 609 E. Walnut, Columbia, Missouri, 65201, and said corporation's successors and assigns, his entire right, title, and interest, for all countries, in and to certain inventions relating to Kastrin and the chemical sterilization of male pet animals (dogs and cats) described in application for Letters Patent of the United States Serial Number 4,156,427; United States Serial Number 4,339,438; United States Patent Application No. 230,582 dated 08/10/88 (Minerals in Bioavailable Form); and United States Patent Application No. 303,747 dated 01/30/89 (Method of Inhibiting Generation, Maturation, Motility and Viability of Sperm with Minerals in Bioavailable Form and Compositions Useful Therefor); and all rights and privileges, including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all letters patents which may be granted therefor, and under any and all extensions, divisions, reissues and continuations of said letters patents, related to pet animals (dogs and cats).

Executed at Columbia, Missouri, this 27th day of September,
1989.

Mostafa S. Fahim

MOSTAFA S. FAHIM

STATE OF MISSOURI

COUNTY OF BOONE

)
) ss.
)

On this 27th day of September, 1989, before me personally
appeared Mostafa S. Fahim, to me known to be the person described
in and who executed the foregoing instrument, and acknowledged that
he executed the same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed
my official seal, at my office in Columbia, Missouri the
day and year first above written.

Anna K. Davis

NOTARY PUBLIC

My commission expires: October 2, 1991.