FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 05-14-2001



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MAY - 4 2001

U.S. Department of Commerce
Patent and Trademark Office

PATENT

RECORDA	ATION FORM COVER SHEET PATENTS ONLY MAY - 4 2001			
TO: The Commissioner of Patents and Trademark	s: Please record the attached original document(s) or copy(ies).			
Submission Type	Conveyance Type			
X New	X Assignment Security Agreement			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame #	Merger Other U.S. Government			
Corrective Document Reel # Frame #	(For Use ONLY by U.S. Government Agencies) Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date			
Name (line 1) Watkins, Bruce A.	02 12 01			
Name (line 2)	Execution Date			
Second Party Name (line 1) Lepine, Allan J.	Month Day Year			
Name (line 2)				
Receiving Party	Mark if additional names of receiving parties attached			
Name (line 1) Iams Company, The	If document to be recorded is an assignment and the receiving party is not			
Name (line 2) domiciled in the United States, an appointment of a domestic				
Address (line 1) 7250 Poe Avenue representative is attached. (Designation must be a separate document from				
Address (line 2)	Assignment.)			
Address (line 3) Dayton	Ohio 45414 Zip Code			
Domestic Representative Name and Address Enter for the first Receiving Party only.				
Name				
Address (line 1)				
Address (line 2)				
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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	937/223-2050
Name Killworth, Gottman, Hagan & Scha	eff, L.L.P.	
Address (line 1) One Dayton Centre		
Address (line 2) One South Main Street, Suite 500		
Address (line 3) Dayton, Ohio 45402		
Address (line 4)		
Pages Enter the total number of pagincluding any attachments.	ges of the attached conveyance doc	tument # 4
Application Number(s) or Patent Num	ber(s) Mark	c if additional numbers attached
Enter either the Patent Application Number or the Pa	atent Number (DO NOT ENTER BOTH numb	ers for the same property).
Patent Application Number(s)	Pat	ent Number(s)
09785901		
If this document is being filed together with a <u>new</u> Paten signed by the first named executing inventor.	It Application, enter the date the patent applic	cation was Month Day Year
Patent Cooperation Treaty (PCT)	POT	
Enter PCT application number	PCT PCT	PCT
only if a U.S. Application Number has not been assigned.	PCT PCT	PCT
Number of Properties Enter the total	al number of properties involved.	# 1
Fee Amount Fee Amount for	or Properties Listed (37 CFR 3.41):	\$ 40.00
Method of Payment: Enclo Deposit Account	sed X Deposit Account	
(Enter for payment by deposit account or if addit		#[
j De	eposit Account Number:	#

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.

Brian L. Smiler

May 1, 2001

No

Yes

Name of Person Signing

Signature

Authorization to charge additional fees:

Date

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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date					
i		Month Day Year			
Hame (inte i) Hay	vek, Michael G.	02 14 01			
Name (line 2)		Execution Date			
Name (line 1) Rei	nhart, Gregory A.	Month Day Year 02 14 01			
Name (line 2)					
realite (iiile 2)		Execution Date			
Name (line 1)		Month Day Year			
Name (line 2)					
Receiving Par	man in a same of recording parties	s attached			
Enter additional Re	eceiving Party(ies)				
Name (line 1)		If document to be recorded is an assignment and the			
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Address (line 1)		of a domestic representative is attached. (Designation must be a separate			
Address (line 2)		document from Assignment.)			
Address (line 3)	City State/Country Zip Code	•			
Name (line 1)		If document to be recorded is an assignment and the			
Name (line 2)		receiving party is not domiciled in the United States, an appointment of a			
Address (line 1)		domestic representative is attached. (Designation must			
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Address (line 3)	City State/Country Zip Co	ndo.			
Application N	Imber(s) or Patent Number(s) Mark if additional numbers attached	, de			
1	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the sai	me property).			
	ent Application Number(s) Patent Numb				

PATENT

REEL: 011782 FRAME: 0537

ASSIGNMENT

WHEREAS, we, **BRUCE A. WATKINS**, of West Lafayette, Indiana, **ALLAN J. LEPINE**, of Lewisburg, Ohio, **MICHAEL G. HAYEK**, of Dayton, Ohio and **GREGORY A. REINHART**, of Dayton, Ohio, invented certain new and useful METHOD FOR IMPROVING BONE MODELING AND CHONDROCYTE FUNCTIONING IN GROWING CANINES for which we executed an application for a United States Patent and for which said application for United States Patent was filed on February 16, 2001, under

Ø	Patent	Application	Serial No	. 09/785,901
		1 1		

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, The Iams Company, a corporation of the State of Ohio, with a place of business at 7250 Poe Avenue, Dayton, Ohio 45414, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

> PATENT REEL: 011782 FRAME: 0538

IN TESTIMONY WHEREOF, I he	ereunto set my hand and seal this 12 day of
	Bure A. Walkins BRUCE A. WATKINS
State of <u>Indiana</u>)) ss County of <u>Tippleanol</u>)	
On this 12 day of Feb. The above County and State, personally appeared the expersonally known to me, and acknowledged the exact and deed for the purpose herein set forth.	

ASSIGNMENT

WHEREAS, we, BRUCE A. WATKINS, of West Lafayette, Indiana, ALLAN J. LEPINE, of Lewisburg, Ohio, MICHAEL G. HAYEK, of Dayton, Ohio and GREGORY A. REINHART, of Dayton, Ohio, invented certain new and useful METHOD FOR IMPROVING BONE MODELING AND CHONDROCYTE FUNCTIONING IN GROWING CANINES for which we executed an application for a United States Patent and for which said application for United States Patent was filed on February 16, 2001, under

- Patent Application Serial No. 09/785,901
- Attorney Docket No. IAM 0616 PA;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, The Iams Company, a corporation of the State of Ohio, with a place of business at 7250 Poe Avenue, Dayton, Ohio 45414, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

02/06/01 TUE 14:45 PATENT 5353]

REEL: 011782 FRAME: 0540

of _______, 2001. IN TESTIMONY WHEREOF, we hereunto set our hand and seal this ______ day

LLAN J. LÉPINE

MICHAEL G. HAYEK

GREGORY A. REINHART

RECORDED: 05/04/2001

On this 14n day of 1ebruary, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named ALLAN J. LEPINE, MICHAEL G. HAYEK and GREGORY A. REINHART personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Notary Public

DONNA M. SWORD, Notary Public In and for the State of Ohio My Commission Expires May 29, 2004

REEL: 011782 FRAME: 0541