PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TODD EMRICK	09/10/2007
T. RANGANATHAN	09/24/2007
BRYAN E. COUGHLIN	09/17/2007
JOSEPH ZILBERMAN	09/06/2007
RICHARD J. FARRIS	09/05/2007

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12983703

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NAME OF SUBMITTER:	KAREN K. CHADWELL	
SIGNATURE:	/Karen K. Chadwell/	
DATE SIGNED:	06/22/2022	

Total Attachments: 6 source=8158742#page1.tif source=8158742#page2.tif

PATENT 507347738 REEL: 060272 FRAME: 0683



PATENT
Attorney Docket No: 9682
For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:			
(inventor(s) or	Todd Emrick ("ASSIGNOR")		
person(s) or entity(ies) who own the invention)	(Type or print name(s) of ASS	IGNOR(S))	
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	Ù.S.		
amount the	(Nationality)		
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`	(Type or print name(s) of ASSIGNOR(S))		
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	(Nationality)		
<u>.</u>			
(inventor(s) or	Richard J. Farris	("ASSIGNOR")	
	(Type or print name(s) of ASS	IGNOR(S))	

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person(s) or entity(ies)	
who own the invention)	428 Chesterfield Road
· courte	Leeds, MA 01053
	(Address)
	U.S.
**************************************	(Nationality)
	(* 14000000000000000000000000000000000000
(inventor(s) or	Joseph Zilberman ("ASSIGNOR")
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies) who own the invention)	
who own the invention,	22 High Street, Unit 7
******	Amherst, MA 01002
	(Address)
	İsrael
	(Nationality)
(If assignment i	s by person or entity to whom invention was previously assigned
	and this was recorded in PTO add the following)
Reel	
Frame	A topographic
hereby sells, assigns an	id transfers to
ASSIGNEE:	
ASSIGNEE.	University of Massachusetts ("ASSIGNEE")
to data hallo	225 Franklin Street
	Boston, MA 02110
***************************************	United States of America
-	(Address)
	` ,
	A Massachusetts University (Domicile or Nationality)
	(Dolinene of Nationality)
and the successors assi	igns and legal representatives of the ASSIGNEE
mid die barrebberb, abb.	(complete one of the following)
	(compress one of one fame and
[X] the entire right	title and interest
for the United S	percent (%) interest tates and its territorial possessions
(check the foll	owing box if foreign rights are also to be assigned)

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[X] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

DEOXYBENZOIN-BASED ANTI-FLAMMABLE POLYPHOSPHONATE AND POLY(ARYLATE-PHOSPHONATE) COPOLYMER COMPOUNDS, COMPOSITIONS AND RELATED METHODS OF USE

(check and complete (a), (b), (c) or (d))

and which is found in

(a) [] U.S. patent application executed on even date herewith
(b) [] U.S. patent application executed on
[] To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known. (c) [X] U.S. application serial no. 11/888,504 filed on August 1, 2007
(d) [] U.S. patent no issued
[] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(also check (e) if foreign application(s) is also being assigned)
(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to

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

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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letters patent any reissue or re-examination thereof

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S):

	9-10-07
Todd Emrick	Date
T. Ranganathan	09 24 07 Date
E. Bryan Coughlin	Date
Richard J. Farris	Jap. 1.5; 200 Date
Joseph Zilberman	Date

apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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T. Ranganathan	Date
E. Bryan Coughlin	Date
Richard J. Farris	Date
J Zilbern Joseph Zilberman	O 9. 06. 0 Date

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Signature of ASSIGNOR(S):

Todd Emrick	Date
T. Ranganathan	Date
E. Bryan Coughlin	17-Sept - 07 Date
Richard J. Farris	Date
Joseph Zilberman	Date

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