Form PTO-1595 (Rev. 07/05)

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U.S. DEPARTMENT OF COMMERCE

Wallace Gregory SAWYER (05/30/06) David L. BURRIS (05/30/06) David L. BURRIS (05/30/06) Additional name(s) of conveying party(les) attached?		192251974NLY
Wallace Gregory SAWYER (05/30/06) David L. BURRIS (05/30/06) Name: University of Florida Research Foundation, Inc. Internal Address: Additional name(s) of conveying party(ies) attached?	To the Director of the U.S. Patent and Tradema	rk Office: Please record the attached documents or the new address(es) belo
Street Address: 223 Grinter Hall Street Address: 223 Grinter Hall State: Florida	Wallace Gregory SAWYER (05/30/06)	
Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No B. Patent No.(s) B. Patent No.(s) B. Patent No.(s) S. Name and address to whom correspondence concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affect S. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0951 Authorized User Name Akerman Senterfitt Authorized User N	3. Nature of conveyance/Execution Date(
Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes Internal Application No.(s) Additional numbers attached? Yes No S. Name and address to whom correspondence concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter City: West Palm Beach Street Address: P.O. Box 3188 City: West Palm Beach State: Florida Phone Number: 561-653-5000 Fax Number: 561-653-5000 Fax Number: 561-653-6313 Email Address: p@akerman.com Country: USA Zip:32611 Country: USA Zip:32611 Additional name(s) & address(es) attached? Yes No. Saddress(es) attached? Yes Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) attached? Yes No. Saddress(es) attached? Yes Additional name(s) & address(es) attached? Yes No. Saddress(es) attached? Yes Additional name(s) & address(es) attached? Yes Additional name(s) & addresses (es) attached? Yes Additional name(s) & addresses (es) attached? Yes A Univer		e of Name City: Gainesville
Additional name(s) & address(es) attached? Yes 4. Application or patent number(s): A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter Internal Address: Neil R. Jetter Street Address: P.O. Box 3188 City: West Palm Beach State: Florida Zip:33402-3188 Phone Number: 561-653-5000 Fax Number: 561-659-6313 Email Address: p@akerman.com Additional name(s) & address(es) attached? Yes Internal document is being filed together with a new app 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account a credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0951 Authorized User Name Akerman Senterfitt	Government Interest Assignment	Country: USA Zin: 22611
4. Application or patent number(s): A. Patent Application No.(s) Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter Street Address: Neil R. Jetter City: West Palm Beach State: Florida Zip:33402-3188 Phone Number: 561-659-6313 Email Address: ip@akerman.com Authorized User Name Akerman Senterfitt D. Deposit Account Number 50-0951 Authorized User Name Akerman Senterfitt		cense Additional name(s) & address(es) attached? Yes [
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Internal Address: Neil R. Jetter —————————————————————————————————	Addition 5. Name and address to whom correspon	nal numbers attached? Yes No ndence 6. Total number of applications and patents
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State: Florida Zip:33402-3188 Phone Number: 561-653-5000 Fax Number: 561-659-6313 Email Address: ip@akerman.com Authorized User Name Akerman Senterfitt	Addition 5. Name and address to whom correspon concerning document should be mailed: Name: <u>AKERMAN SENTERFITT</u>	nal numbers attached? Yes No 1. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card
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9 Signature:	5. Name and address to whom correspond concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter Street Address: P.O. Box 3188 City: West Palm Beach State: Florida Zip:33402-318	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
5. Signature:/	5. Name and address to whom correspon concerning document should be mailed: Name: AKERMAN SENTERFITT Internal Address: Neil R. Jetter Street Address: P.O. Box 3188 City: West Palm Beach State: Florida Zip: 33402-318 Phone Number: 561-659-6313	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0951

be recorded (including tover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Express Mail Label # EV 739330775 US

ASSIGNMENT

WHEREAS, we, the undersigned, residing at the addresses given below, have invented certain new and useful improvements in INERT WEAR RESISTANT PTFE-BASED SOLID LUBRICANT NANOCOMPOSITE, for which an application for United States Letters Patent was

signed b	y me as dated below.	
filed	, Serial No	

WHEREAS, by virtue of our employment/appointment with the UNIVERSITY OF FLORIDA, we are obligated to assign any rights in the said invention to the UNIVERSITY OF FLORIDA or its designee;

WHEREAS, the UNIVERSITY OF FLORIDA has designated the UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., existing by virtue of the laws of the State of Florida, and having an office at 223 Grinter Hall, Gainesville, Florida 32611, to be the assignee of the entire right, title and interest in and to the said invention;

WHEREAS, the UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent which may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in view of good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, the undersigned, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., its successors and assigns, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., its successors and assigns.

FURTHER, we agree that we will communicate to said UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., or its representatives, any facts known to us respecting said invention; testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, substitution, renewal, and reissue applications; execute all necessary assignment

{WP306883;1}

Page 1 of 3

PATENT REEL: 017948 FRAME: 0350

FLORIDA RESEA everything possible INC., its successors	RCH FOUNDATION, to aid the said UNIVE	, INC.; make all rightful oaths ERSITY OF FLORIDA RESE and enforce proper protection ountries.	; and generally do ARCH FOUNDATION,
IN TESTIN	, 2006.	have hereunto set my hand	
	Signe	wallace gregory s	SAWYER
	Address: 610 NW 89 ⁷	TH St., Gainesville, FL 32607-	<u>1453</u>
State of Florida			3
County of Alachua)		
On this above-named foregoing instrumen	_ day of	, 2006, personally app _, to me known to be the person regoing instrument, and who a e purposes set forth in said ins	on described in the
My C SEAL	Commission Expires:	Notary Public	
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(WP306883;1)	Page	2 of 3	

papers to cause any and all of said Letters Patent to be issued to said UNIVERSITY OF

REEL: 017948 FRAME: 0351

	have hereunto set my hand this 30th day of hed DAVID L. BURRIS H Way, Gainesville, FL 32607-4362
State of Florida)	; ;
County of Alachua)	
On this day of above-named foregoing instrument, who executed the fo to be his/her free act and deed in and for the	, 2006, personally appeared before me the, to me known to be the person described in the regoing instrument, and who acknowledged the same ne purposes set forth in said instrument.
	Notary Public
My Commission Expires: SEAL	
	; ! ! :

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RECORDED: 05/30/2006

Page 3 of 3