FORM-PTO-1595 TRANSMITTAL OF DOCUM 1-31-92 PATENTS	ENT FOR RECORDATION S ONLYAtty. Docket 06572.105006			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
 I. Name of conveying party(ies): Stavros C. Manolagas Robert L. Jilka, Robert S. Weinstein and Teresita Bellido Additional name(s) of conveying party(ies) attached? Yes No 	 Name and address of receiving party(ics): Name: <u>Board of Trustees of the University of</u> <u>Arkansas</u> Foreign Address: 			
 3. Nature of Conveyance: ⊠ Assignment □ Merger □ Security Agreement □ Change of Name Other Execution Date: 10/14/03, 10/14/04, 10/14	Domestic Address: <u>2404 North University Avenue</u> City: <u>Little Rock</u> State: <u>Arkansas</u> ZIP: <u>72207-3608</u> Additional name(s) & address(es) attached? Yes X No			
 4. Application number (s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: 6/24/99 A. Patent Application No.(s) 60/105,805, 09/413,958 B Patent Registration No. (s) 				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:			
Name: <u>Sherry M. Knowles, Esq.</u> 191 Peachtree Street	7. Total fee (37 CFR 3.41): \$ 80			
Atlanta, Georgia 30303-1763	☐ Enclosed ⊠Authorized to be charged to deposit account			
Telephone No.: <u>404-572-4600</u> .	8. Deposit account number			
Facsimile No.: 404 572-5100	(Attach duplicate copy of this page if paying by deposit account):			
DO NOT USE THIS SPACE				
 9. Statement and signature. To the best of my knowledge and belief, the foregoing of the original document. <u>Stephanic D. Adams</u> Name of Person Signing 	information is true and correct and any attached copy <u>October 14, 2003</u> . Date			
	Total number of pages comprising cover sheet: 1			

PATENT REEL: 014057 FRAME: 0423

CH \$80.00 110980 60105805

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ASSIGNMENT

WHEREAS, WE, STAVROS C. MANOLAGAS, ROBERT L. JILKA, ROBERT S. WEINSTEIN AND TERESITA BELLIDO, have invented certain improvements in "In Vitro and In Vivo Models for Screening Compounds to Prevent Glucocorticoid-Induced Bone Destruction" for which we have executed United States provisional application no. 60/105,805 on October 27, 1998, and non-provisional application no. 09/413,958 on October 7, 1999, and

WHEREAS, BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, an Arkansas corporation, having an office at 2404 North University Avenue, Little Rock, Arkansas 72207-3608 desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, the receipt and sufficiency of which are hereby acknowledged, I, TERESITA BELLIDO, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said application for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; or any foreign counterpart thereof or any other application that claims priority to the above-application, and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignmont, transfer and conveyance hereby made or intended to be made.

06572.105006

 IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of

Dctober 2003.

TERESITA BELLIDO

On this 14^{th} day of 0.4000, 2003, before me, a notary public, came 16R661Ter B61400, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



My commission expires: Aug 28, 20/3

Witness

06572,105006



ASSIGNMENT

WHEREAS, WE, STAVROS C. MANOLAGAS, ROBERT L. JILKA, ROBERT S. WEINSTEIN AND TERESITA BELLIDO, have invented certain improvements in "In Vitro and In Vivo Models for Screening Compounds to Prevent Glucocorticold-Induced Bone Destruction" for which we have executed United States provisional application no. 60/105,805 on October 27, 1998, and non-provisional application no. 09/413,958 on October 7, 1999, and

WHEREAS, BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, an Arkansas corporation, having an office at 2404 North University Avenue, Little Rock, Arkansas 72207-3608 desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, the receipt and sufficiency of which are hereby acknowledged, I, ROBERT L. JILKA, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said application for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; or any foreign counterpart thereof or any other application that claims priority to the above-application, and I hereby bind myself, my hairs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or imended to be made.

06572.105006

PATENT REEL: 014057 FRAME: 0426 T 14 2003 17:37 FR KING AND SPALDING 404 572 5145 TO 9206#06572#10500 P.07/11 0/14/2003 13:13 5016868148 UAMS ENDO 13:13 50 10 PAGE 05/03 PAGE 05/03

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 14 day of

October_, 2003.

On this 40^{th} day of October, 2003, before me, a notary public, came <u>Robert L. Tillea</u>, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



29 8, 2013 My commission expires: Wimess

06572.105006

REEL:	014057	FRAME:	0427	

<u>ASSIGNMENT</u>

WHEREAS, WE, STAVROS C. MANOLAGAS, ROBERT L. JILKA, ROBERT S. WEINSTEIN AND TERESITA BELLIDO, have invented certain improvements in "In Vitro and In Vivo Models for Screening Compounds to Prevent Glucocorticoid-Induced Bone Destruction" for which we have executed United States provisional application no. 60/105,805 on October 27, 1998, and non-provisional application no. 09/413,958 on October 7, 1999, and

WHEREAS, BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, an Arkanses corporation, having an office at 2404 North University Avenue, Little Rock, Arkansas 72207-3608 desires to purchase same;

NOW, THEREPORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, the receipt and sufficiency of which are hereby acknowledged, I, STAVROS C. MANOLAGAS, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said application for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; or any foreign counterpart thereof or any other application that claims priority to the above-application, and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made

06572.105006

PATENT REEL: 014057 FRAME: 0428 IN WITNESS WHEREOF, I have hereunto set my hand and seal this $\frac{14}{14}$ day of

October ____, 2003.

MANOLAGAS AVROS C

On this 14^{H} day of 0 16^{H} day of 0 16^{H} , 2003, before me, a notary public, came Star no s C Manolagas, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.



Anastacia Komulin Notary Public

My commission expires: Ang 28, 20/3

06572.105006

<u>ASSIGNMENT</u>

WHEREAS, WE, STAVROS C. MANOLAGAS, ROBERT L. JILKA, ROBERT S. WEINSTEIN AND TERESITA BELLIDO, have invented certain improvements in "In Vitro and In Vivo Models for Screening Compounds to Prevent Glucocorticoid-Induced Bone Destruction" for which we have executed United States provisional application no. 60/105,805 on October 27, 1998, and non-provisional application no. 09/413,958 on October 7, 1999, and

WHEREAS, BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, an Arkansas corporation, having an office at 2404 North University Avenue, Little Rock, Arkansas 72207-3608 desires to purchase same;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, the receipt and sufficiency of which are hereby acknowledged, I, ROBERT S. WEINSTEIN, have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said provisional application and said application for United States Letters Patent, in and to the invention therein set forth and in and to any patent which may issue on said application for United States Letters Patent or any application, reissue, renewal, division, continuation or continuation-in-part thereof; or any foreign counterpart thereof or any other application that claims priority to the above-application, and I hereby bind myself, my heirs, legal representatives, administrators and assigns properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

06572.105006

PATENT REEL: 014057 FRAME: 0430 IN WITNESS WHEREOF, I have hereunto set my hand and scal this 14 day of

Octohen_ 2003.

WEINSTEIN BERT S.

On this 14th day of October . 2003, before me, a notary public, came <u>Robert S. Weinstein</u>, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

Notary Public 28. z0/3 My commission expires: Witness

06572.105006

RECORDED: 10/14/2003