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| FORM PTO-1596 RECC | U.S. DEPARTMENT OF COMMERCE |
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| 1-31-92 | Patent and Trademark Office |
| Docket No.: 50229-173 | 101349814 |
| To the Honorable Commissioner of Patents and Alexandra | |
| 1. Name of Conveying Party(ies): | 2. Name and address of receiving party(ies): |
| Hans Peter SPIELMANN, Douglas A. ANDRES, and | Name: University of Kentucky Research Foundation |
| Kareem A. H. CHEHADE | |
| | Address: A144, ASTeCC Building |
| Additional name(s) of conveying party(ies) attached? Yes | |
| 3. Nature of Conveyance: | Lexington, Kentucky 40506 |
| ✓ Assignment ☐ Merger | |
| Security Agreement Change of Name | |
| ☐ Other | |
| Execution Date: Feb. 25, Feb. 21, and Feb. 25, 2000 | |
| (respectively) | |
| | Additional name(s) & address(es) attached? Yes |
| 4. Application number(s) or patent number(s): | |
| If the document is being filed together with a new application, | f |
| A. Patent Application No(s). | B. Patent No(s). |
| 09/461,002-Filed December 15, 1999 | |
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| | |
| Additional numb | ers attached? Yes |
| 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: |
| concerning document should be mailed: | |
| Name: MCDERMOTT, WILL & EMERY | 7. Total fee (37 CFR 3.41) \$40.00 |
| Internal Address: | ☐ Enclosed |
| | Authorized to be charged to deposit account |
| Street Address: 600 13th Street, N.W. | 8. Deposit account number: |
| | 500417 |
| City: Washington State: DC Zip: 20005 | |
| Total Total | |
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| 9. Statement and signature. | per oa |
| To the best of my knowledge and belief, the foregoing int | formation is true and correct and any attached copy is a true copy |
| of the original document. | |
| y nit of the man accomment. | 00-4-11 |
| Robert L. Price, 22,685 | Robert Levil April 25, 2000 |
| Name and Registration No. of Person Signing | Signature Date |
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| CMB No. 0851-0011 (exp. 4/94) | |

PATENT REEL: 010761 FRAME: 0860 Docket No.: 50229-173

ASSIGNMENT

WHEREAS WE, Hans Peter SPIELMANN, Douglas A. ANDRES, Kareem A. H. CHEHADE (Hereinafter "Assignors") have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled FARNESYL PYROPHOSPHATE ANALOGS, for which an application for United States Letters Patent was filed on December 15, 1999, and identified by United States Serial No.09/461,002;

AND WHEREAS, University of Kentucky Research, a corporation of the State of Kentucky, and having an address of A144, ASTeCC Building, Lexington, Kentucky, 40506, (Hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto University of Kentucky Research, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said University of Kentucky Research, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

| 25 FEB ROSO | How (fel 10) |
|--------------|---------------------------------|
| Date 2/21/00 | Hans Peter Spielmant and Cultus |
| Date 2/25/00 | Douglas A. Ardres |
| Date | Kareem A. H. Chehade |

PATENT REEL: 010761 FRAME: 0861

Docket No.: 50229-173

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| On this | 10Th day of | 1767 | <u>~</u> | , 20 <u>00</u> befo | ore me personally |
| appeared Hans Peter | er Spielmann, to r | ne known to b | e the person r | named in and w | who executed the |
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| On thisappeared Douglas | 10Th day of | no A | دد | _, 20 <u>00</u> befo | re me personally |
| appeared Douglas | A. Andres, to me | known to be | the person na | ımed in and v | vho executed the |
| above instrument, | and acknowledge | d to me that | he/she execut | ed the same | for the uses and |
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| appeared Kareem A | . H. Chehade, to | me known to t | e the person r | named in and v | who executed the |
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