

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|--|---------------|----------------|---------------------|------------|------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ravinder J. Singh</td> <td>11/30/2004</td> </tr> <tr> <td>Robert L. Taylor</td> <td>11/30/2004</td> </tr> <tr> <td>Stefan Grebe</td> <td>11/30/2004</td> </tr> </tbody> </table> | | Name | Execution Date | Ravinder J. Singh | 11/30/2004 | Robert L. Taylor | 11/30/2004 | Stefan Grebe | 11/30/2004 |
| Name | Execution Date | | | | | | | | |
| Ravinder J. Singh | 11/30/2004 | | | | | | | | |
| Robert L. Taylor | 11/30/2004 | | | | | | | | |
| Stefan Grebe | 11/30/2004 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Mayo Foundation for Medical Education and Research | | | | | | | | |
| Street Address: | 200 First Street S.W. | | | | | | | | |
| City: | Rochester | | | | | | | | |
| State/Country: | MINNESOTA | | | | | | | | |
| Postal Code: | 55905 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13656005</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13656005 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13656005 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | 8777697945 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
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| Correspondent Name: | Fish & Richardson P.C. | | | | | | | | |
| Address Line 1: | 60 South Sixth Street | | | | | | | | |
| Address Line 2: | 3200 RBC Plaza | | | | | | | | |
| Address Line 4: | Minneapolis, MINNESOTA 55402 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 07039-0565004 | | | | | | | | |
| NAME OF SUBMITTER: | Angela D. Follett, Ph.D., Reg. No. 60365 | | | | | | | | |
| Total Attachments: 4 source=0565004Assn#page1.tif source=0565004Assn#page2.tif source=0565004Assn#page3.tif source=0565004Assn#page4.tif | | | | | | | | | |

CH \$40.00 13656005

ASSIGNMENT

For valuable consideration, we, Ravinder J. Singh, of 4602 Savannah Dr. NW, Rochester, MN 55901; Robert L. Taylor, of 609 18th St. SE, Rochester, MN 55904; Stefan Grebe, of 1121 8th Avenue SE, Rochester, MN 55902; hereby assign to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a Minnesota corporation, having a place of business at 200 First Street S.W., Rochester, MN 55905, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled VITAMIN D DEFICIENCIES, filed October 29, 2004, and assigned U.S. Serial Number 10/977,121; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 11-30-04

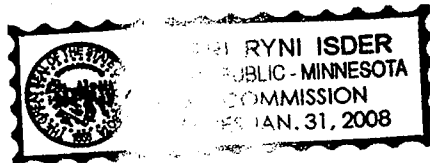
Robert L. Taylor
ROBERT L. TAYLOR

STATE OF Minnesota)
) SS.
COUNTY OF Olmsted)

On November 30, 2004, before me, the undersigned, a notary public for the State of Minnesota personally appeared ROBERT L. TAYLOR appeared personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.

Keri Ryni Isder
Notary Public



DATE: 11/30/04

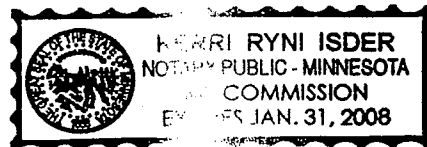
[Signature]
STEFAN GREBE

STATE OF Minnesota)
) SS.
COUNTY OF Dimsted)

On November 30, 2004, before me, the undersigned, a notary public for the State of Minnesota personally appeared STEFAN GREBE appeared personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.

[Signature]
Notary Public



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