12-08-2000	
) INDIALS (AND REAL AND	Docket No. <u>59739-A/JPW/GJG</u>
FORM PTO-1595 (Substante)	U.S. DEPARTMENT OF COMMERCE
(Rev. 8-96) 101543	5036 Patent and Trademark Office
To the Honorable Commissioner of Paterie and the second state	case record are suscied original documents or copy thereof.
1 Name of conveying party(#5) Saul J. Silverstein, Erik K. Lium and Jennifer A. Schwartz	2. Name and address of receiving party(mes): The Trustees of Columbia University Name: in the City of New York Internal Address:
Additional name(s) of conveying party(ies) attached?	Street Address: West 116th Street and Broadway
3. Nature of Conveyance:	
Assignment Merger Security Agreement Change of Name Other	City/State/Zip: New York, New York 10027
Execution Date(s): July 31, August 10, and July 31, 2000	Additional name(s) & address(es) attached? Yes X No
4 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):	
A Patent Application No.(s) U.S. Serial No. 09/612,332, filed: July 6, 2000	B. Patent No.(s)
Additional numbers	attached? Yes No
5. Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name John P. White	- (0.00
Internal Address: COOPER & DUNHAM LLP	7. Total tee (37 CFR §3.41): \$ 40.00
Street Address 1185 Avenue of the America	
Cay/State/Zup New York, New York 10036	KX Authorized to be charged to deposit account
	- 03-3125
DO NOT USE THIS SPACE	
9 Statement and signature.	
To the best of my knowledge and belief, the foregoing original document. John P. White Name of Person Signing	information is true and correct and any attached copy is a true copy of the <u>harf Litt</u> Signature Reg. No. 28,678 <u>November 16, 2000</u> <u>Date</u>
I hereby certify that this correspondence is being debosated this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents and Trademarks. Washington, D.C. 20231 U.H.H.L.L. John P. White Date Reg. No. 28,678	Total Number of pages including cover sheet, attachments and document:4
Mail documents to be recorded with required cover sheet information to	
Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231	

PATENT REEL: 011303 FRAME: 0719

Assignment

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In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Saul J. Silverstein residing at 69 Havemeyer Rd., Irvington NY 10533 Erik K. Lium residing at 1340 Palos Verdes Dr., #1, San Mateo CA 94404 and Jennifer A. Schwartz residing at 80 Haven Ave. Apt. 1D, New York, NY 10032

 Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York a corporation of the State of New York having a place of business at West 116th Street and Broadway,
 New York, NY 10027 in the County of New York and State of New York, U.S.A., its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on July 31, 2000 August 10, 2000 and July 31, 2000.

COBALT CHELATES FOR TREATING OR PREVENTING VIRUS INFECTION (U.S. Serial No. 09/612,332 , filed July 6, 2000, claiming benefit of U.S. Provisional Application No. 60/144,346, filed July 16, 1999)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

> PATENT REEL: 011303 FRAME: 0720

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aboresaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives. to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Cobtnant with said Assignce, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possed by the undersigned.

Dale: 20 Witness: PPA SMALLS Edgeronbe 0032

Dale: 108-10-00 20 Witness: Done G. Cave 5+7 Trinidad Ln Foster 94404

Saul J. Silverstein

witness' signature witness' printed name witness' address

[L.S.] Erik K. Lium

witness' signature witness' printed name witness' address

PATENT REEL: 011303 FRAME: 0721

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L.S. Jennifer A. Schwartz



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witness' signature witness' printed name witness' address

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PATENT REEL: 011303 FRAME: 0722

RECORDED: 11/16/2000