

PATENT ASSIGNMENT

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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>Irwin Fridovich</td><td>06/12/2002</td></tr><tr><td>Ines Batinic-Haberle</td><td>06/12/2002</td></tr></tbody></table>	Name	Execution Date	Irwin Fridovich	06/12/2002	Ines Batinic-Haberle	06/12/2002			
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Irwin Fridovich	06/12/2002								
Ines Batinic-Haberle	06/12/2002								
RECEIVING PARTY DATA									
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Postal Code:	27708-0083								
PROPERTY NUMBERS Total: 3									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>7820644</td></tr><tr><td>Application Number:</td><td>12885198</td></tr><tr><td>Patent Number:</td><td>7189707</td></tr></tbody></table>	Property Type	Number	Patent Number:	7820644	Application Number:	12885198	Patent Number:	7189707	
Property Type	Number								
Patent Number:	7820644								
Application Number:	12885198								
Patent Number:	7189707								
CORRESPONDENCE DATA									
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Total Attachments: 2 source=Fridovich, Batinic-Haberle to Duke Univ#page1.tif source=Fridovich, Batinic-Haberle to Duke Univ#page2.tif									

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PATENT
REEL: 026745 FRAME: 0337

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Attorney Dkt: 2661-2

A S S I G N M E N T
of U.S. Origin Patent Application

- 1) Irwin Fridovich
- 2) Ines Batinic-Haberle

(hereinafter collectively ASSIGNOR), together with James D. Crapo, Brian J. Day, Michael P. Trova, Polivina Jolicia F. Gauuan, and Douglas B. Kitchen, have made an invention known as Dkt. 2661-2 and entitled: SUBSTITUTED PORPHYRINS for which an application for Letters Patent of the United States ☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office; ☒ was filed on May 23, 2002 as a CPA of Appln. No. 09/490,537 filed on January 25, 2000, which claims priority from U.S. Prov. Appln. No. 60/117,010, filed January 25, 1999;

AND WHEREAS DUKE UNIVERSITY, Durham, North Carolina 27708-0083

(hereinafter ASSIGNEE), desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its entire right, title and interest to the said invention in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, and foreign counterparts thereof, together with the right of priority under the International Convention for the

Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. It is understood and agreed that Nixon & Vanderhye P.C. have not and do not represent ASSIGNOR with respect to this invention.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize(s) Nixon & Vanderhye P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

	<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1)	✓ <u>Irwin Fridovich</u> Irwin Fridovich	✓ <u>6/12/02</u>	✓ <u>[Signature]</u>
2)	✓ <u>Ines Batinic-Haberle</u> Ines Batinic-Haberle	✓ <u>6/12/02</u>	✓ <u>[Signature]</u>