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(141) 441(4)1424 (114) [414]	

(Rev. 10/02) 1023	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ♥ ▼	V V V
	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Tianhong Zhang Yongxing Qiu Mark A. Ruegsegger	Name and address of receiving party(ies) Name: Roger E. Marchant Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance: ✓ Assignment	Street Address: 2715 Fairmount Boulevard
1/25/03 Execution Date:	City: Cleveland Heights State: OH Zip: 44106 Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	residential indirector of address(es) attached:
If this document is being filed together with a new appli A. Patent Application No.(s) 09/302,195	B. Patent No.(s)tached? Yes No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed: Name: James J. Pingor	7. Total fee (37 CFR 3.41)\$40.00
Benesch, Friedlander,	✓ Enclosed
Coplan & Aronoff LLP	Authorized to be charged to deposit account
2300 BP Tower Street Address: 200 Public Square	8. Deposit account number:
City: Cleveland State: OH Zip: 44114-2378	
	ETHIS SPACE
James J. Pingor Name of Person Signing Total number of pages including governments to be recorded with Commissioner of Pages in Commissioner of	Signature per sheet, attachments, and documents: To required cover sheet information to:

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of Patents & Trademarks, E Washington, D.C. 20231

PATENT REEL: 013792 FRAME: 0496

ASSIGNMENT

WHEREAS, we,

Tianhong Zhang, residing at 22 Running Brook Circle Ashland, MA 01721;

Yongxing Qiu, residing at 540 Stedford Lane Duluth, GA 30097; and

Mark A. Ruegsegger, residing at 2298 River Run Trace Columbus, OH 43235;

(hereinafter referred to as "ASSIGNORS"), have made new and useful improvements, contributions, and/or inventions which are disclosed in an application entitled SURFACTANTS THAT MIMIC THE GLYCOCALYX, which was filed on April 29, 1999 in the United States Patent and Trademark Office and is identified by U.S. Serial Number 09/302,195 (hereinafter referred to as "Application");

WHEREAS, as used herein, "Invention" means: (a) said Application; (b) any and all inventions which are disclosed and claimed in said Application; (c) any and all inventions which are disclosed but not claimed in said Application; (d) and any all improvements, developments, and modifications to the invention deriving from said Application; (e) any and all continuations, requests for continued examination, and all other applications which claim priority to said Application, including but not limited to any and all applications filed pursuant to 37 C.F.R. 1.53; and (f) any and all continuations, requests for continued examination, and all other applications, including but not limited to those applications filed under 37 C.F.R. 1.53, to which said Application claims priority;

WHEREAS, Roger E. Marchant, residing at 2715 Fairmount Blvd., Cleveland Heights, Ohio 44106, together with any successors-in-interest, legal representatives or assigns thereof (hereinafter referred to as "ASSIGNEE") is desirous of acquiring ASSIGNORS' entire right, title and interest in and to said Invention:

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby assign and transfer to ASSIGNEE, ASSIGNORS' entire right, title and interest in and to said Invention, and all United States Letters Patents which may be granted thereon, and all reissues, reexaminations and extensions on said Invention, and all priority rights under all available International Agreements, Treaties and Conventions in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said Invention in any foreign countries, and all reissues, reexaminations and extensions on said Invention in any foreign country, and all rights to injunctive relief, damages or profits, due or accrued, arising out of all causes of action, past, present or future, including infringement of

PATENT REEL: 013792 FRAME: 0497 the Invention, or other violations, and the right to sue for and recover same in ASSIGNEE's own name and the names of ASSIGNEE's successors, assigns or other legal representatives; ASSIGNORS assign and transfer to ASSIGNEE the right to file applications on the Invention in the United States and all foreign countries, and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said Invention to ASSIGNEE in accordance with the terms of this Assignment;

ASSIGNORS HEREBY covenant that when requested, without charge to, but at the expense of, said ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment; ASSIGNORS will disclose all facts known to each assignor relating to said Invention and the history thereof; ASSIGNORS will testify in all legal proceedings, and do everything possible which ASSIGNEE shall consider desirable for aiding in securing, maintaining and enforcing proper patent and intellectual property protection for said Invention, including but not limited to executing all rightful oaths, assignments, powers of attorney and other papers, as shall be necessary, and ASSIGNORS hereby irrevocably appoint ASSIGNEE as ASSIGNORS' attorney in fact with power to execute on ASSIGNORS' behalf any and all documents necessary to carry out the terms of this Assignment. ASSIGNORS hereby covenant with said ASSIGNEE that ASSIGNORS have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that ASSIGNORS have full right to convey each assignor's entire right, title and interest as herein expressed.

[Remainder of this page left blank intentionally]

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PATENT REEL: 013792 FRAME: 0498

Name: Tianhong Zhang	
Signature:	
Date: 1/25/03	
STATE OF MASSACHUSEHS) ss: COUNTY OF MIDALYSEL) On this 25 day of for vary 2603 and who signed this assignment, who acknowledge for the use and purposes therein mentioned.	before me appeared the person mentioned in ged that she/he executed the same as a free act
SEAL	OSOL G. Kulkin Notary Public CAROL J. KULKIN MY COMMISSION EXPIRES FEBRUARY 3, 2006
Name: Yongxing Qiu	
Signature:	-
Date:	_
STATE OF) ss: COUNTY OF)	
COUNTY OF)	
On this day of,, and who signed this assignment, who acknowleds for the use and purposes therein mentioned.	, before me appeared the person mentioned in ged that she/he executed the same as a free act
SEAL	
	Notary Public

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned.

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IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned. Name: Tianhong Zhang Signature: Date: STATE OF COUNTY OF On this ____ day of ____, ___, before me appeared the person mentioned in and who signed this assignment, who acknowledged that she/he executed the same as a free act for the use and purposes therein mentioned. **SEAL Notary Public** Name: Yongxing Qiu Signature: Date: **COUNTY OF** On this 28 day of 2003, before me appeared the person mentioned in and who signed this assignment, who admowledged that she/he executed the same as a free act for the use and purposes therein mentioned. SEAL

Notary Public

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BARBARA L. WAGNER
Notary Public, Gwinnett County, Georgia
My Commission Expires May 13, 2005

Name: Mark A. Ruegsegger
Signature: Make Swiperge
Date: 02/03/03
STATE OF
COUNTY OF CANKLIN) ss:
On this O3 day of Locally, 2003 before me appeared the person mentioned in and who signed this assignment, who acknowledged that she/he executed the same as a free act for the use and purposes therein mentioned.
for the use and purposes therein mentioned.
SEAL APRIL N. NICHOLSON Notary Public, State of Ohio My Commission Expires 07-08-06 Notary Public Notary Public

RECORDED: 02/27/2003