

PATENT ASSIGNMENT COVER SHEET

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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>RICHARD M CAPRIOLI</td> <td>03/07/2006</td> </tr> <tr> <td>NED A PORTER</td> <td>06/19/2007</td> </tr> <tr> <td>JEREMY L NORRIS</td> <td>03/08/2006</td> </tr> </tbody> </table>		Name	Execution Date	RICHARD M CAPRIOLI	03/07/2006	NED A PORTER	06/19/2007	JEREMY L NORRIS	03/08/2006
Name	Execution Date								
RICHARD M CAPRIOLI	03/07/2006								
NED A PORTER	06/19/2007								
JEREMY L NORRIS	03/08/2006								
RECEIVING PARTY DATA									
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Street Address:	305 Kirkland Hall								
City:	Nashville								
State/Country:	TENNESSEE								
Postal Code:	37240								
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>12946652</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12946652				
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Application Number:	12946652								
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NAME OF SUBMITTER:	FRANCINE M VAANAELST								
Signature:	/Francine M VanAelst/								

OP \$40.00 12946652

Date:

12/17/2013

Total Attachments: 9

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ASSIGNMENT
U.S. Patent Application No. 10/479,477
Filed December 1, 2003

WHEREAS, Richard M. Caprioli, Ned A. Porter, and Jeremy L. Norris (hereinafter designated as the undersigned) have invented certain new and useful improvements in CLEAVABLE SURFACTANTS AND METHODS OF USE THEREOF for which an application for Letters Patent of the United States of America has been filed on December 1, 2003 and assigned Application Serial Number 10/479,477; and

WHEREAS, Vanderbilt University of 305 Kirkland Hall, Nashville, TN 37240, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries; and to any and all utility applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Stites & Harbison, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document, including serial numbers and filing dates above.

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IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 7, 2006 Name of Inventor Richard Caprioli
Richard M. Caprioli

Date _____ Name of Inventor _____
Ned A. Porter

Date _____ Name of Inventor _____
Jeremy L. Norris

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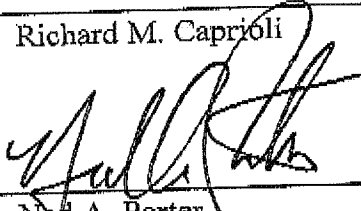
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Name of Inventor _____
Richard M. Caprioli

Date 06/19/07

Name of Inventor _____

Ned A. Porter

Date _____

Name of Inventor _____
Jeremy L. Norris

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Richard M. Caprioli

Date _____ Name of Inventor _____
Ned A. Porter

Date 3/8/2006 Name of Inventor _____
Jeremy L. Norris