PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LLOYD A LOBO	01/08/2015
TODD S BOLTON	01/08/2015
MICHAEL MITCHELL	01/08/2015
KRAIG KENT	01/20/2015

RECEIVING PARTY DATA

Name:	SOLENIS TECHNOLOGIES, L.P.	
Street Address:	500 HERCULES ROAD	
Internal Address:	BLDG 8139/215	
City:	WILMINGTON	
State/Country:	ate/Country: DELAWARE	
Postal Code:	19808	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14601368

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: SOLENIS LLC

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ATTORNEY DOCKET NUMBER:	11048 US	
NAME OF SUBMITTER: DENISE D. SMITH		
SIGNATURE:	/Denise D Smith/	
DATE SIGNED:	SIGNED: 01/22/2015	

Total Attachments: 6

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PATENT REEL: 034790 FRAME: 0290

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Page 1 <u>DKT #11048</u>

Serial No.:14/601,368 Filed: <u>January 21, 2015</u>

DKT 11048

ASSIGNMENT

WHEREAS, We, <u>Lloyd A. Lobo</u>, <u>Todd S. Bolton</u>, <u>Michael Mitchell</u> and <u>Kraig R. Kent</u>: of the States of <u>Pennsylvania</u>, <u>Delaware</u>, <u>Delaware</u> and <u>Alabama</u>, respectively,

have invented certain new and useful improvements in "On-Site Emulsification Of Defoamer For Brownstock Washing Of Pulp"

described in a patent application executed by us on the even date herewith; and identified as **DKT 11048**, and of which improvements, in and for the United States, its territories, dependencies and possessions, and for all foreign countries, we are now the joint owners; and

WHEREAS, **SOLENIS TECHNOLOGIES, L.P.**, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having its principal office and place of business in Wilmington, Delaware, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon, the said SOLENIS TECHNOLOGIES, L.P., its successors and assigns, being hereinafter referred to as "SOLENIS."

NOW, THEREFORE, be it known that for good and valuable consideration by us received from said SOLENIS, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to and unto SOLENIS, our entire right, title and interest, for and in the United States, its territories, dependencies and possessions, and for and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above- identified patent application, and
- (2) All improvements and modifications of said invention or inventions which we, solely or jointly have made or conceived, or shall make or conceive, while we are employed by SOLENIS, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above; any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to SOLENIS as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2), and (3), above, are hereinafter referred collectively as "said inventions".

Page 2 <u>DKT #11048</u>

And, for the above-mentioned considerations, we do hereby covenant and agree:

First: That we will promptly and fully disclose to SOLENIS all such improvements and modifications invented by us, and we will freely, fully and promptly communicate (in writing if requested) to SOLENIS, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions", and, at the request of SOLENIS, that we will testify in interferences and other legal proceedings which may involve "said inventions".

Second: That we will render SOLENIS, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by SOLENIS, a reasonable per diem charge shall be paid by SOLENIS for time spent by us in such connection.

Third: That we will, at the request and at the expense of SOLENIS, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions", (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries that may be granted upon said application or for "said inventions", and (c) all assignments and other papers that SOLENIS may deem necessary or expedient to secure the grant of each and all of said Letters Patent to SOLENIS, or its nominee, and to protect and vest in SOLENIS the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and for foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this

S day of January 2015.

Lloyd A Lobo (L.S.)

STATE OF Delaware)
SS.
COUNTY OF New Castle)

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that <u>Lloyd A. Lobo</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this

Notary Public

My commission expires

LINDA: C. HARRINGTON
NOTARY PUBLIC
STATE OF DELAWARE

My Commission Expires May 15, 2016

STATE OF Delaware)) SS. COUNTY OF New Castle)	
) SS.	.)
COUNTY OF New Castle)	
,	
I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that <u>Todd S. Bolton</u> , personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.	s d
IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this _ \mathcal{S} _ day of <u>January 2015</u> .	
Moniso D. Surganilling	
Notary Public My commission expires	
EXPIRES 2: Jan. 24, 2018	
SEAL OF DELAWAII	THILL

Page 5 <u>DKT #11048</u>

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Michael Mitchell, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this

8 day of <u>January 2015</u>.

Notary Public

My commission expires

SEAL

LINDA: C. HARRINGTON NOTARY PUBLIC STATE OF DELAWARE My Commission Expires May 15, 2016

IN TESTIMONY WHEREOF, we have her 2015 day of January 2015.	eunto set our hand respectively linis (L.S.)
STATE OF Belianne) SS. company (COUNTY OF HERECastic)	Krolg Kent
hereby certify that <u>Kraig R. Kent</u> , person name is subscribed to the foregoing instru	ic in and for the State and County aloresaid, do sally known to me to be the same person whose ument, appeared before me this day in person and instrument as his free and voluntary act. for the
IN WITNESS WHEREOF, I have hereunto 25 day of January 2015.	
NCTABLE BY AL DELLIE THATE NAME PLACE LINGUAL BOXONET SCHOOL IN AND COUNTY My Seneral and Explose Loc & 1217	Notary Public My commission expires

SEAL