

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PRANESH ASWATH	09/11/2017
VINAY SHARMA	09/12/2017
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Property Type	Number
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Total Attachments: 8	
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PATENT

REEL: 043911 FRAME: 0163

ASSIGNMENT

WHEREAS, We, **PRANESH ASWATH**, residing in Grapevine, Texas (US); **RICHARD B. TIMMONS**, residing in Arlington, Texas (US); and **VINAY SHARMA**, residing in Arlington, Texas (US), (ASSIGNORS), have invented certain inventions and improvements disclosed in a patent application entitled **LUBRICANT COMPOSITIONS COMPRISING CORE-SHELL NANOPARTICLES** filed in the United States Patent & Trademark Office on May 12, 2017, and assigned U.S. Patent Application Serial Number 15/593,444, and in a patent application entitled **MOLECULARLY TAILORED NANOADDITIVES FOR LUBRICANT OILS WITH PHENOMENAL ANTI-WEAR AND ANTI-FRICTION PERFORMANCE** filed in the United States Patent & Trademark Office on May 13, 2016, and assigned U.S. Patent Application Serial Number 62/336,176; and

WHEREAS, **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** (ASSIGNEE), of 201 West 7th Street, Austin, Texas 78701 (US), is desirous of acquiring the entire right, title and interest in and to the inventions and improvements and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said inventions and improvements, said applications, any applications claiming priority thereto, and any and all letters patent which may be granted for said inventions and improvements in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which

said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions and improvements, applications and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said inventions and improvements to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said inventions and improvements, for litigation regarding said letters patent, or for the purpose of protecting title to said inventions and improvements or letters patent therefore.

Inventor Signature: _____
PRANESH ASWATH

Date: _____

Inventor Signature: _____
RICHARD B. TIMMONS

Date: _____

Inventor Signature: _____

Vinay Sharma
VINAY SHARMA

Date: _____

9/12/2017

ASSIGNMENT

WHEREAS, We, **FRANESH ASWATH**, residing in Grapevine, Texas (US); **RICHARD B. TIMMONS**, residing in Arlington, Texas (US); and **VINAY SHARMA**, residing in Arlington, Texas (US), (ASSIGNORS), have invented certain inventions and improvements disclosed in a patent application entitled **LUBRICANT COMPOSITIONS COMPRISING CORE-SHELL NANOPARTICLES** filed in the United States Patent & Trademark Office on May 12, 2017, and assigned U.S. Patent Application Serial Number 15/593,444, and in a patent application entitled **MOLECULARLY TAILORED NANOADDITIVES FOR LUBRICANT OILS WITH PHENOMENAL ANTI-WEAR AND ANTI-FRICTION PERFORMANCE** filed in the United States Patent & Trademark Office on May 13, 2016, and assigned U.S. Patent Application Serial Number 62/336,176; and

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said inventions and improvements, said applications, any applications claiming priority thereto, and any and all letters patent which may be granted for said inventions and improvements in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which

said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions and improvements, applications and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said inventions and improvements to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said inventions and improvements, for litigation regarding said letters patent, or for the purpose of protecting title to said inventions and improvements or letters patent therefore.

Inventor Signature: _____


PRANESH ASWATH

Date: _____

9/11/2017

Inventor Signature: RICHARD B. TIMMONS

Date: _____

Inventor Signature: _____
VINAY SHARMA

Date: _____