

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DINESH C. ALUTHGE	02/02/2017
AARON SATTLER	02/01/2017
JAY A. LABINGER	02/01/2017
JOHN E. BERCAW	02/02/2017
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<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/Cristene Amador/
<b>DATE SIGNED:</b>	02/09/2017
<b>Total Attachments: 4</b>	

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## ASSIGNMENT

WHEREAS, we, **Dinesh C. ALUTHGE, Aaron SATTler, Jay A. LABINGER and John E. BERCAW** (hereinafter referred to as ASSIGNORS), along with **Mamdouh AL-HARTHI**, are joint inventors of an invention entitled "**CO-SUPPORTED CATALYSTS FOR THE TANDEM TRIMERIZATION AND POLYMERIZATION OF ETHYLENE TO PRODUCE LINEAR LOW DENSITY POLYETHYLENE**," as described and claimed in the specification forming part of U.S. Application No. **15/411,583**, filed **January 20, 2017**, which claims the benefit of U.S. Provisional Application No. **62/281,281**, filed **January 21, 2016**; and

WHEREAS, **CALIFORNIA INSTITUTE OF TECHNOLOGY**, a Non-Profit Corporation of the State of California, having a place of business at 1200 East California Blvd., Mail Code 6-32, Pasadena, CA 91125 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the ASSIGNORS' entire right, title and interest in and to the invention 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 invention, said application and any and all letters patent which may be granted for said invention 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 application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their 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 invention 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 invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

2<sup>nd</sup> February 2017  
Date

By   
Dinesh C. ALUTHGE

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Date

By \_\_\_\_\_  
Aaron SATTLER

\_\_\_\_\_  
Date

By \_\_\_\_\_  
Jay A. LABINGER

2 Feb 2017  
Date

By   
John E. BERCAW

required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date

By

Dinesh C. ALUTHGE

Date

2/1/2017

By

Aaron SATTLER

Date

By

Jay A. LABINGER

Date

By

John E. BERCAW

required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

\_\_\_\_\_  
Date

By \_\_\_\_\_  
**Dinesh C. ALUTHGE**

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Date

By \_\_\_\_\_  
**Aaron SATTLER**

2/1/17  
\_\_\_\_\_  
Date

By   
**Jay A. LABINGER**

\_\_\_\_\_  
Date

By \_\_\_\_\_  
**John E. BERCAW**