PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Darryl L. Whitmore	05/20/2011
Xiaomin Zhang	05/20/2011

RECEIVING PARTY DATA

Name:	BASF SE
Street Address:	67056 Ludwigshafen
City:	Ludwigshafen
State/Country:	GERMANY
Postal Code:	67056

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13208690

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 29827/46355

NAME OF SUBMITTER: James J. Napoli

Total Attachments: 2

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PATENT REEL: 027032 FRAME: 0757 OP \$40.00 1320869

Assignment of Application

WHEREAS; I (WE)

Darryl L. Whitmore, 256 Catawba Crest LN, Clover, SC 29719, United States of America Citizen of United States of America

Xiaomin Zhang, 11816 Sir Francis Drake Drive, Charlotte, NC 28277, United States of America Citizen of United States of America

respectively, have invented certain new and useful improvements in

for which an application for Letters Patent was executed on

(Application No. 13/208,690

, filed August 12, 2011

), and

WHEREAS, BASF SE (hereinafter referred to as "ASSIGNEE"), having a place of business at 67056 Ludwigshafen, Germany is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) per inventor, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of **Marshall, Gerstein & Borun**, 6300 Sears Tower, 233 South Wacker Drive, Chicago, Illinois 60606-6357 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Stand: 11/2010

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Date:	5-20-11	Signature of Inventor:	State	
			Darryl L. Whitmore	
Date:	5-20-11	Signature of Inventor:	Lun They	
		Xiaomin Zhang		

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PATENT REEL: 027032 FRAME: 0759