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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Berthold FERSTL	07/11/2011
Simon BRAUN	07/11/2011
Achim FESSENBECKER	07/13/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13703233

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NAME OF SUBMITTER: Adel Samuel

Total Attachments: 2

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PATENT

REEL: 029452 FRAME: 0289

JF \$40.00 15/052:

Assignment of Application

WHEREAS; I (WE)

Berthold Ferstl, Hardweg 6, 64625 Bensheim, Germany Citizen of Germany Simon Braun, Gontardstr. 8, 68163 Mannheim, Germany Citizen of Germany Achim Feßenbecker, Obere Bachstraße 46, 68753 Waghäusel, Germany Citizen of Germany respectively, have invented certain new and useful improvements in

for which an application for Letters Patent was executed on

(Application No. 13/703,233

, filed December 10, 2012

), 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 **Oblon, Spivak, McClelland, Maier & Neustadt**, P.C., 1940 Duke Street, Alexandria, Virginia 22314 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 adusase - 210052 + 210114

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Date: 11.7.2011 Signature of Inventor: Bethold Ferstl

Date: 11.7.2011 Signature of Inventor: Signature of Inventor:

Date: 13.07.2011 Signature of Inventor: Adum Kalibala

Aching Feßenbecker

Stand: 11/2010 pdusass - 210052 + 210114

PATENT REEL: 029452 FRAME: 0291