PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SK Innovation Co., Ltd.	05/13/2011

RECEIVING PARTY DATA

Name:	SK Global Chemical Co., Ltd.
Street Address:	99, Seorin-dong
Internal Address:	Jongro gu
City:	Seoul 110-110
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 8

Property Type	Number
Patent Number:	5840643
Patent Number:	6162644
Application Number:	12449001
Application Number:	12451010
Application Number:	12451437
Application Number:	12733156
Application Number:	12733865
Application Number:	12312361

CORRESPONDENCE DATA

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PATENT

REEL: 026598 FRAME: 0963

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ATTORNEY DOCKET NUMBER:	5991997
NAME OF SUBMITTER:	Jay S. Cinamon
Total Attachments: 3 source=5991997_Assignment#page1.tif source=5991997_Assignment#page2.tif source=5991997_Assignment#page3.tif	

PATENT REEL: 026598 FRAME: 0964

UNITED STATES

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned Assignor:

> SK Innovation Co., Ltd. 99, Seorin-dong, Jongro gu Seoul 110-110 Republic of Korea

hereby sells, assigns and transfers to Assignee:

SK Global Chemical Co., Ltd. 99, Seorin-dong, Jongro gu Seoul 110-110 Republic of Korea

its successors, assigns and legal representatives, a Fifty percent (50%) interest for the United States in and to, and any and all improvements which are disclosed in

The patents and patent application listed in schedule A attached

and in and to said application and patents and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements.

The Assignee may apply for and receive the Letters Patent in its own name. When requested by the Assignee or its successors, the undersigned Assignor(s) will execute all other patent applications; proper oaths, assignments, powers of attorney, or other papers and communicate all facts known to him/her relating to the improvements and the history thereof; and generally do everything possible which the Assignee or its successors shall consider desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title in the Assignee or its successors.

Assignor warrants that they have the full right to convey the rights and property described berein and no assignment, grant, mortgage or license or other agreement affecting such rights and property has been made to others by the undersigned.

ASSIGNOR

SK Innovation Co., Ltd.

Dated: May /3 , 2011

The undersigned declares that he (she) was personally present and did see the above-named individual execute this Assignment of his (her) own free will for the purposes set forth herein.

ABELMAN, FRAYNE & SCHWAB 666 Third Avenue New York, New York 10017-5621

Name PARK, SO JIN

Address 6F, Chang-Song building, 1543+2

Socho 2 dong, Soodo-gu, Soul 121-892, Korea

SCHEDULE A

Patent Property	Filing/Issue	<u>Title</u>
U.S. Pat. No.: 5,840,643	January 3, 1996	RECOVERY OF OXIDATION CATALYSTS USED FOR THE PRODUCTION OF TRIMELLITIC ACID
U.S. Pat. No.: 6,162,644	March 16, 1999	METHOD FOR CONTROLLING AND OPTIMIZING XYLENE ISOMER SEPARATION AND ISOMERIZATION PROCESS USING NEAR INFRARED ANALYZER SYSTEM AND APPARATUS FOR CARRYING OUT SAME
U.S Appln. No.: 12/449,001	December 23, 2009	ETHYLENE TETRAMERIZATION CATALYST SYSTEMS AND METHOD FOR PREPARING 1- OCTENE USING THE SAME
U.S. Appln. No.: 12/451,010	October 20, 2009	ZINC FERRITE CATALYSTS, METHOD OF PREPARING THEREOF AND METHOD OF PREPARING 1,3-BUTADIENE USING THEREOF
U.S. Appln. No.: 12/451,437	November 9, 2009	METHOD OF PREPARING MULTICOMPONENT BISMUTH MOLYBDATE CATALYSTS WITH CONTROLLING PH AND A METHOD OF PREPARING 1,3- BUTADIENE USING THEREOF
U.S. Appln. No.: 12/733,156	February 4, 2010	ETHYLENE OLIGOMERIZATION CATALYST SYSTEMS HAVING ENHANCED SELECTIVITY
U.S. Appln. No.: 12/733,865	March 23, 2010	METHOD OF PREPARING MULTICOMPONENT BISMUTH MOLYBDATE CATALYSTS COMPRISING FOUR METAL COMPONENTS AND METHOD OF PREPARING 1,3- BUTADIENE USING SAID CATALYSTS

PATENT REEL: 026598 FRAME: 0966

SCHEDULE A

U.S. Appln. No.: 12/312,361

May 5, 2009

CATALYST FOR XYLENE ISOMERIZATION AND PROCESS FOR PREPARING THE SAME

PATENT REEL: 026598 FRAME: 0967

RECORDED: 07/15/2011