U.S. PTO 12/150524 04/29/2008

Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) ited States Patent and Trademark Office 05-06-2008 RE To the Director of the U.S. Patent and Tra ents or the new address(es) below. 103500953 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) Chi He CHEN Name: China Petrochemical Development Corporation Ching Liang TU Internal Address: Chia Hui SHEN Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: Floor 8-11 Execution Date(s) 4/9/2008 and 4/11/2008 No. 12, Tunghsing Road ✓ Assignment Merger City: Taipei J Security Agreement Change of Name Joint Research Agreement State: Government Interest Assignment Country: TAIWAN Zip: Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ☐ Yes ☑ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Clifford W. Browning 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: One Indiana Square, Suite 2800 None required (government interest not affecting title) 8. Payment Information City: Indianapolis_ a. Credit Card Last 4 Numbers 1104 State: IN Zip: 46204 Expiration Date 04/10 Phone Number: (317) 238-6203 b. Deposit Account Number Fax Number: (317) 636-1507 Authorized User Name __ Email Address: cbrowning@kdlegal.com April 29, 2008 9. Signature: Total number of pages including cover Clifford W. Browning sheet, attachments, and documents: Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT OF APPLICATION FOR UTILITY PATENT

WHEREAS,

(1) (Name of Inventor):

CHEN, Chi He

(Address of Inventor:

No. 17, Renihong 4th Street

Renwu Township

Kaohsiung County 814, Taiwan

(2) (Name of Inventor):

TU, Ching Liang

(Address of Inventor):

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Sinshih Township

Tainan County 744, Taiwan

(3) (Name of Inventor):

SHEN, Chia Hui

(Address of Inventor):

No. 13, Lane 188, Jhongcheng Street

Gangshan Township

Kaohsiung County 820, Taiwan

(hereinafter singly and jointly referred to as "Assignors"), have made a new and useful invention in a PROCESS FOR PRODUCING CARBOXYLIC ACID ANHYDRIDES for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS.

(Name of Assignee):

China Petrochemical Development Corporation

(Address of Assignee):

Floor 8-11

No. 12, Tunghsing Road

Taipei, Taiwan

(Legal Nature of Assignee):

Corporation of Taiwan

(hereinafter referred to as "Assignee"), desires to acquire 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all United States Letters Patent that may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, 100% of the right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefore and thereon in the United States and world wide, including all reissues and reexaminations thereof.

Assignors hereby authorize and request the Commissioner of Patents to issue said United States Letter Patent to Assignee, its assigns and legal representatives.

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PATENT REEL: 020914 FRAME: 0904 Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in the United States and world wide for the use of Assignee.

(1) CHEN, Chi He: CHEN Chi He Date: >

Date: >208. 4. 9

(2) TU, Ching Liang: The Ching Liang

Date: 2008.4.9

(3) SHEN, Chia Hui: Shen-Chia Hui

Date: 2008 4.11

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RECORDED: 04/29/2008

PATENT REEL: 020914 FRAME: 0905