501907069 05/02/2012

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Pei JIA | 02/13/2012 |
| Liu-yang YANG | 02/13/2012 |

RECEIVING PARTY DATA

| Name: | SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD. |
|-------------------|--|
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| City: | Guangdong |
| State/Country: | CHINA |
| Postal Code: | 518132 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13498470 |

CORRESPONDENCE DATA

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|-------------------------|---------------------------|
| NAME OF SUBMITTER: | Phouphanomketh Ditthavong |

Total Attachments: 2

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PATENT REEL: 028139 FRAME: 0447 IOP \$40.00 13498470

| ASSIGNMENT OF APPLICATION | Docket: |
|--|--|
| I/We, <u>JIA, Pei; YANG, Liu-yang</u> , whose residence and po next to my/our name, hereafter referred to as applicant, ha improvements in | ost office address is as stated below ave invented certain new and usefu |
| Thin Film Transistor Array Substrate and Manufacturing Me | ethod for The Same |
| for which an application for a United States Patent w Serial No. | as filed on |
| for which an application for a United States Patent w | ras executed on Feb. 13, 2012 |
| Whereas, SHENZHEN CHINA STAR OPTOELECTRON corporation of China herein referred to "assignee" whose m Tangming Rd, Guangming New District Shenzhen, Guangd the entire right, title and interest in the same; | ailing address is Wang kexin NO.9- |
| Now, therefore, in consideration of the sum of one dollar acknowledged, and other good and valuable considerations presents do sell, assign and transfer unto said assigner said invention in the United States and the entire right, all Patents which be granted therefore and any and continuations, or continuations-in-part thereof, and the International Convention for the Protection of Industrial Profinterest as ASSIGNEE, its successors, assigns and legal agrees that the attorneys of record in said application is ASSIGNEE; | ation, We/I, the applicant, by these e the full and exclusive right to the title and interest in and to any and all extensions, divisions, reissues e right to all benefits under the operty to the said ASSIGNEE, for it al representatives; the undersigne |
| AND the undersigned hereby agrees to transfer a like in assistance in making application for and obtaining origin. Letters Patent of the United States, upon request of the assigns and legal representatives, and without furth improvements, and applications for patent based thereon, invention; and to execute any papers by the said ASSIGNE representatives, deemed essential to ASSIGNEE's full protein hereby transferred. | nal, divisional, reissued or extende he said ASSIGNEE, its successors her remuneration, in and to an growing out of or related to the sai EE, its successors, assigns and lega |
| Executed on Feb. 13, 2012 | |
| Name: JIA, Pei Address: Wang,kexin NO.9-2 Tangming Rd, Guangming N 518132 | New District Shenzhen, Guangdong |

CS2011052712; TP120019-US

PATENT REEL: 028139 FRAME: 0448

Name: YANG, Liu-yang
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CS2011052712; TP120019-US

PATENT REEL: 028139 FRAME: 0449

RECORDED: 05/02/2012