PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Yang-Wan Kim | 01/05/2010 |
| Woong-Sik Choi | 01/05/2010 |

RECEIVING PARTY DATA

| Name: | SAMSUNG MOBILE DISPLAY CO., LTD. | |
|-----------------|----------------------------------|--|
| Street Address: | San #24 Nongseo-dong, Giheung-gu | |
| City: | Yongin-city, Gyeonggi-do | |
| State/Country: | REPUBLIC OF KOREA | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12686885 |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 63915/S1187 - WP

NAME OF SUBMITTER: Jun-Young E. Jeon

Total Attachments: 1

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PATENT REEL: 023779 FRAME: 0701 CH \$40.00

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Docket No.: 63915/\$1187

Return to CHRISTIE, PARKER & HALE Post Office Box 7068 Pasadena, CA 91109-7068

| | ASSIGNMENT | | | | |
|---|---|--|--|--|--|
| In consideration of good and valuab undersigned, | le consideration, the receipt of which is h | ereby acknowledged, the | | | |
| (1) Yang-Wan Kim and Woong-Sil | k Choí | | | | |
| HEREBY SELL(S), ASSIGN(S) AND | TRANSFER(S) TO | | | | |
| (2) SAMSUNG MOBILE DISPLAY CO., LTD. | | | | | |
| having a place of business at | | | | | |
| (3) San #24 Nongseo-dong, Gibeung-gu, Yongin-city, Gyeonggi-do, Republic of Korea | | | | | |
| which are disclosed in the application | entire right, title and interest in and to a n for United States Letters Patent entitled | | | | |
| | T EMITTING DISPLAY DEVICE USING | THE SAME | | | |
| which application executed on even | data herewith or was | | | | |
| (a) executed on (5a). | | R HALE LLP. P.O. Box | | | |
| (b) filed on (5b): January 1 | | 91109-7068) Is hereby (b) the specified data. | | | |
| Application No.: 12/686, | when known. | (b) the specimed data. | | | |
| conventions for the protection of indu- it is hereby authorized and requesi- Letters Patent, when granted, to sidesignee. Upon said consideration, it is furth expense of said ASSIGNEE, the renewal, and reissue patent applications. | and patents, and the right to all benefit ustrial property and applications for said in ted that the Commissioner of Patents is said ASSIGNEE, its assigns or its succenter agreed that, when requested, without undersigned will execute all divisional lons, execute all rightful other papers, and the consider desirable for aiding in securing | nprovements. Is ue any and all of said essors in interest or its ut charge to but at the continuing, substitute, if generally do everything | | | |
| INVENTOR(S) | SIGNATURE | DATE | | | |
| Vang-Wan Kim | x Yang-wan leim | X January 5, 2010 | | | |
| Woong-Sik Choi | x Woong-Sik Choi | x January 5,2010 | | | |
| WITNESSES: | | | | | |
| CKS PAS851883 1-1-06/24/09 9:55 AM | | | | | |

RECORDED: 01/13/2010

PATENT REEL: 023779 FRAME: 0702