PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Ming-Te LIN | 04/22/2009 |
| Fei-Chang HWANG | 04/22/2009 |
| Chia-Tai KUO | 05/04/2009 |

RECEIVING PARTY DATA

| Name: | INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE | |
|-----------------|---|--|
| Street Address: | No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, | |
| City: | Hsinchu | |
| State/Country: | TAIWAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12424109 |

CORRESPONDENCE DATA

Fax Number: (202)408-0924

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

Phone: (202) 371-8976

Email: firm@rabinberdo.com

Correspondent Name: Steven M. Rabin

Address Line 1: Suite 500, 1101 14th Street, N.W.

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER: TAIW-268C1

NAME OF SUBMITTER: Steven M. Rabin

Total Attachments: 1

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PATENT REEL: 022697 FRAME: 0958

| Attornev | Reference | |
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| ASSIGNMENT OF AFFILM | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|--|---|---|---|
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| WHEREAS (1) Ming-Te LIN (2 |) Fei-Chang HWANG (3 |) Chia-Tai KUO | |
| hereinafter referred to collectively as t | | a a certain improve | sment relating to |
| STRUCTURE OF AC LIGHT-EMITTI | NG DIODE DIES | | with the execution of this |
| [] the inventor(s) declaration for sa instrument; said application to be filed | id application being exe | cuted concurrently ant and Trademark | With the execution of this |
| I V Legist application beging been filed | in the United States Pat | tent and Trademari | k Office on April 15, 2009, |
| authorization being bereby given to | my aftorneys Steven i | M. Rabin, Robert | H. Berdo, Jr., Phillip G. |
| - Avruch and Allen Wood of RABIN & | & BERDO, P.C., 1101 14 | :" Street, N.VV., Su | iite 500, wasnington, p.C. |
| 20005, to insert here in parentheses | (Application Serial No. | <u>12/424,709)</u> the ap | plication serial number of |
| said application when known; [] said application having been filed | under the Patent Cooper | ration Treaty on | |
| , (Serial No |)the United States of | America being des | ignated. |
| | · | | |
| AND WHEREAS INDUSTRIA | AL TECHNOLOGY | RESEARCH IN | STITUTE |
| who's address is No. 195, Sec. 4, | Chung-Heing Rd. Cl | hu-Tung Hsinel | m. Taiwan, R.O.C. |
| hardinaffor referred to as the assigne | e is desirous of acquirir | ng the entire right. | title and interest in and to |
| le and application, including any and all | divisions and continuation | ons thereof, and in | and to said invention and |
| any and all patents which may be | granted therefor, inclu | uding any and ali | i renewals, reissues and |
| prolongations thereof; NOW THIS WITNESSETH, that t | for and in consideration | of One Dollar (\$1 | (00) and other good and |
| valuable consideration held by said as | signee to said assignor. | the receipt of whic | h is hereby acknowledged. |
| cold ecolonor hereby assigns, sells a | nd transfers to said ass | signee, and said a | ssignee's successors and |
| assigns, the full and exclusive right. | title and interest in an | d to said applicat | ion, including any and all |
| divisions and continuations thereof, a granted therefore, including any and a | ing in and to said inventil The newals reissues ar | non and any and id prolongations th | nereof: said assignee, and |
| caid assignee's successors and assig | ins, to have, hold, exerc | ise and enjoy the | said application, including |
| any and all divisions and continuation | a thereof. and the said i | nvention and any a | and all patents which may |
| be granted therefor, including any and powers, privileges and advantages in | i ali renewals, reissues : | and prolongations | thereof, with all the rights, |
| or terms of env and all such pate | nts when granted, incli | uding any and al | i renewals, reissues and |
| -prolongations thereof, for the USE 2: | nd benefit of said assi | unee, and said as | ssignee's successors and |
| assigns, in as ample and beneficial a | manner as the said ass | ignor might or cou | ild have held and enjoyed |
| the same, if this assignment had not be AND said assignor hereby agrees | een mage. : to perform upon the r | equest of said as: | signee, or said assignee's |
| successors or assigns, any and all | acts relating to the obt | taining or to the | asserting of said patents, |
| including any and all renewals, reissue | es and prolongations the | reof. | |
| AND said assignor authorizes an | d requests the Commis | sioner of Patents | and Irademarks to issue |
| Letters Patent on said application, and to said assignee, and said assignee's | successors and assigns | in accordance he | rewith. |
| to delle decignos, and done essentis | Mains - To la | ለሌ) - | -mo9/06/ |
| Ming-Te LIN | successors and assigns Myg - To W Signature | | Date |
| Name of sole or first inventor | | | |
| Fei-Chang HWANG | feer-change by | sang | 200/104/22 |
| Name of second inventor, if any | Signature | | Date |
| / | ~ 1 m | · . | 0/-/- |
| Chia-Tai KUO | Markon lain | Lul | 200 (/03/04 |
| Name of third inventor, if any | Signature () | \ | Date |
| | | | |
| | | · | ···· |
| Name of fourth inventor, if any | Signature | | Date |

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TO: ADVANCE

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