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| Kyung Nam Kim | | | | 01/30/2008 |
| Sang Mi Park | | | | 01/30/2008 |
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| RECEIVING PARTY DATA | | | | |
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| State/Country: | REPUBLIC OF KOREA | | | |
| Postal Code: | 153-023 | | | |
| PROPERTY NUMBERS Total: 1 | | | | |
| Property Type | | | Number | |
| Application Number: 11997 | | 11997 | Number 547 | |
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| ATTORNEY DOCKET NUMBER: | | | 3576-060 | |
| NAME OF SUBMITTER: | | | Hosoon Lee | |
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PATENT APPLICATION Attorney Docket No.: 3576-060 Client Reference No.: PO070231

ASSIGNMENT

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RED PHOSPHOR, METHOD FOR MANUFACTURING THE SAME AND LIGHT EMITTING DIODE FOR USING THE SAME

U.S. Patent Application:

Application Serial No.: Not yet assigned

Filing Date:

Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and

1 of 2

PATENT REEL: 020452 FRAME: 0640

Assignor:

Address:

Assignor:

Address:

Assignee:

Address:

Title of Invention:

Our Docket No.: 3576-060 Your Ref. No.: PO070231

testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, nonprovisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at this 3° day of 3° 2008. Kug van KIM Assignor Executed at this 30 day of Janua' $,^{2}008.$ g M' PARK Assignor Executed at this 37 day of January, 2008. Tomizo MATSUOKA Assignor

PATENT REEL: 020452 FRAME: 0641

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