| FORM PTO-15% R 1-31-92 DOCKET NO.: RPL-0023 PATELY | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | | |
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| To the Honorable Commissioner of Patents and Trademarks: | Please record the attached original documents or copy thereto: | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies); | | |
| Jae Hong JUEN / 0-2-0] | Name: LG Electronics Inc. | | |
| Additional name(s) of conveying party(ies) attached? Yes X No | | | |
| 3. Nature of conveyance: | 1 | | |
| X Assignment Merger | Street Address: 20, Yoido-dong, Youngdungpo-gu | | |
| Security Agreement Change of Name | City: Seoul | | |
| Other | State/Country: <u>KOREA</u> ZIP: | | |
| Execution Date: September 19, 2001 | Additional name(s) & address(es) attached? Yes X No | | |
| 4. Application number(s) or patent number(s): | 091967990 | | |
| If the document is being filed together with a new application, the exec | | | |
| A. Patent Application No(s).: Filed: | B. Patent No(s) | | |
| Additional numbers attac | hed? Yes X No | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: <u>1</u> | | |
| Name: FLESHNER & KIM, LLP | 7. Total fee (37 C.F.R. 3.41) | | |
| Internal Address: | X Enclosed (Check No. 01260) | | |
| | Authorized to be charged to deposit account | | |
| Street Address: P. O. Box 221200 | 8. Deposit account number: | | |
| | <u>16-0607</u> | | |
| City: Chantilly State: VA ZIP: 20153-1200 | | | |
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| 9. Statement and signature. To the best of my knowledge and belief, the foregoing information original document. <u>Daniel Y.J. Kim, Reg. No. 36,186</u> Name and Registration No. of Person Signing | n is true and correct and any attached copy is a true copy of the Signature October 2, 2001 Date Total number of pages including cover sheet: 2 | | |

PATENT REEL: 012227 FRAME: 0079 Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| (2) (5) | | | | | |
|---|--|--|--|--|--|
| (3) (6) | | | | | |
| who have made a certain new and useful invention, hereby sell, assign and transfer unto | | | | | |
| LG Electronics Inc. | | | | | |
| #20 Yoido-dong, Youngdungpo-gu, Seoul, Korea | | | | | |
| | | | | | |

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

THERMAL DISPERSING SYSTEM OF A PLASMA DISPLAY DEVICE

(a) for which an application for United States Letters Patent was filed on ______, and identified by United States Serial No. ______

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures: INVENTORS

DATE SIGNED

~ 1. 1.19

| 1) JUEN, | Jae | Hong | |
|----------|-----|------|------|
| Name: | | | |

Jue

chen.

Hong

-1

Name:

3) _____ Name:

4)

Name:

5) _____ Name:

> PATENT REEL: 012227 FRAME: 0080

RECORDED: 10/02/2001