| <sup>225757.</sup> P03 08 -  | 17-2004   |
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| FORM PTO-1505  | U.S. DEPARTMENT OF COMMERC PATENT AND TRADEMARK OFFIC   |
|  | 2814862 locuments or copy thereof.  |
| 1. Name of Conveying party(ies): CHUN, Chan Ho KIM, Yang Kyu KIM, Se Young KIM, Kyung Sik LIM, Hyoung Keun LEE, Youn Seok                                    | 2. Name and address of receiving party(ies)  Name: LG Electronics Inc.  Internal Address:                     |
| Additional name(s) of conveying party(ies) attached?Yes X No   | 7   |
| 3. Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name  Other  | Street Address: 20, Yoido-dong, Yongdungpo-gu, Seoul, Republic of Korea                                       |
| Execution Date: July 23, 2004  | City: State: ZIP:  Additional names(s) and address(es) attached? Yes X No                                     |
| A. Patent Application No.(s)  Additional numbers at  | B. Patent No.(s)  tached: 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: 1   |
| Name: Bruce H. Bernstein  Internal Address: P25757   | 7. Total Fee (37CFR 3.41): 40.00  X Enclosed  Authorized to be charged to deposit account                     |
| Street Address: GREENBLUM & BERNSTEIN, P.L.C.           1950 Roland Clarke Place           City:         Reston         State:         VA         ZIP: 20191 | 8. Deposit account number:  19-0089  (Attach duplicate copy of this page if paying by deposit account)        |
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## (INTERNATIONAL - TWO INVENTORS/SINGLE ASSIGNEE/APPLN. NOT FILED)

## ASSIGNMENT

WHEREAS, \* Chan Ho Chun \*, a citizen of \*\_Republic of Korea\_\*, whose post office address is \* D-410 Deungmaroo APT, 275-5, Yeomchang-dong, Gangseo-gu, Seoul, Korea \*, and \* Yang Kyu Kim \*, a citizen of \* Republic of Korea \*, whose post office address is \* 101-1006, Hanra APT, Dorim-dong, Yeongdeungpo-gu, Seoul, Korea \*, and \* Se Young Kim\*, a citizen of \* Republic of Korea \*, whose post office address is \* 108-1102, Hansin APT, Yangpyeong-dong5ga, Seoul, Korea \*, and \* Kyung Sik Kim\*, whose post office address is \* 202-403, Sanhwan2cha APT, Gwangyo-dong, Nam-gu, Incheon-city, Korea \*, and \* Hyoung Keun Lim\*, whose post office address is \* 136-1, Ji-dong, Paldal-gu, Suwon-city, Gyeonggi-dol, Korea \*, and \* Youn Seok Lee \*, whose post office address is \* 303-804, Muwonmaeul, Hangsin2-dong, Deokyang-gu, Goyang-si, Gyeonggi-do, Korea \* hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

## \* RADIATING APPARATUS OF BUILT-IN REFRIGERATOR\*

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, to insert here Reston. Virginia 20191. in parenthesis (Application No. , filed ) the filing date and application number of said application when known.

AND WHEREAS, \*LG Electronics Inc\*, a corporation organized and existing under the laws of the State of \*Republic of Korea\*, whose post-office address is \*20, Yoido-dong, Yongdungpo-gu, Seoul, Korea\*, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and

## OGHP04038US\_04FLSL042\_ASS PAGE -2-

application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by \* Chan Ho Chun \*, on the date(s) listed below at \* D-410 Deungmaroo APT, 275-5, Yeomchang-dong, Gangseo-gu, Seoul, Korea.

| First Witness: |                        |
|----------------|------------------------|
| 9450           |                        |
| (Name)         |                        |
| The Tuly roof  |                        |
| (Date)         |                        |
|                | m mm                   |
|                | *INVENTOR Chan Ho Chun |

Second Witness:

| OGHP04038US_04FLSL042_ASS                         |   |
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| PAGE -3-  |   |
| (Chee)  |   |
| (Name)  |   |
|   |   |
| 3 July 2004                                       |   |
| (Date)  |   |
| (2 4.13)  |   |
| · · · · · · · · · · · · · · · · · · ·             | ent is executed by * Yang Kyu Kim *, on the |
| date(s) listed below, at 101-1006, Hanra APT, Don | rim-dong, Yeongdeungpo-gu, Seoul,           |
| Korea.  |   |
| First Witness:                                    |   |
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| (Name)  |   |
| 27 Kill 2021                                      |   |
| 23 July 2004                                      |   |
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|   | *INVENTOR Yang Kyu Kim                      |
| Second Witness:                                   | iiv project Tang is a rami                  |
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| (Name)  |   |
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| (Date) 7 July 2 4.                                |   |
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| IN TESTIMONY WHEREOF, this assignment             | ent is executed by * Se Voung Kim * on the  |
| date(s) listed below, at 108-1102, Hansin APT, Ya |   |
| Seoul, Korea                                      | or by sorie works and recording the early   |
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| First Witness:                                    |   |
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| 23 July 2004              |  |
| (Date)                    | (14  |
|                           |  |
|                           | *INVENTOR Se Young Kim   |
| Second Witness:           |  |
| Chee                      |  |
| (Name)                    |  |
| 23 July 2004              |  |
| (Date)                    |  |
|                           | ent is executed by Kyung Sik Kim *, on the date(s), Gwangyo-dong, Nam-gu, Incheon-city, Korea. |
| First Witness:            |  |
| g from                    |  |
| (Name)                    | •  |
| 23 July 2004              |  |
| (Date)                    |  |
|                           | Ma III   |
|                           | 11/2004.1.22   |
|                           | *INVENTOR Kyung Sik Kim  |
| Second Witness:           |  |
| (chee)                    |  |
| (Name)                    |  |
| 23 July 2004              |  |
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| (Date)                    |  |

| PAGE -5-  DITECTION WHITE DEGE this agains ment is avacuted by * Hyanga Kana Lim * and the   |
|--|
| IN TESTIMONY WHEREOF, this assignment is executed by * Hyoung Keun Lim *, on the date(s) listed below, at 136-1, Ji-dong, Paldal-gu, Suwon-city, Gyeonggi-do, Korea.                   |
| First Witness:   |
| 200  |
| (Name)   |
| 13 July 2004   |
| (Date)   |
|  |
| *INVENTOR Hyoung Keun Lim  |
| Second Witness:  |
| Chee   |
| (Name)   |
| 23 July 2004   |
| (Date)   |
| IN TESTIMONY WHEREOF, this assignment is executed by * Youn Seok Lee *, on the date(s) listed below, at 303-804, Muwonmaeul, Hangsin2-dong, Deokyang-gu, Goyang-si, Gyeonggi-do, Korea |
| First Witness:   |
| 9/6/90   |
| (Name)   |
| 23 July 2004   |
| (Date)   |

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| PAGE -6-     |            |     |

\*INVENTOR Youn Seok Lee

Second Witness:

(Name)

(Date)

PATENT REEL: 015673 FRAME: 0752

**RECORDED: 08/10/2004**