

To the Honorable Commissioner of Patents and Trademarks

or copy thereof.



102456291

1. Name of Conveying party(ies)
CHO, Seong-Ho
LEE, In-Seop
LEE, In-Won
SUNG, Jae-Yong
CHOI, Jay-Ho
AN, Kwang-Hyup
LEE, Jeong-ho
NAM, Young-Sok

12/31/02

Party(ies)

Name: LG ELECTRONICS INC.

Internal Address:

Street Address: 20, Yoido-Dong, Yongsongpo-Gu, Seoul,

Republic of Korea

City: State: ZIP

Additional name(s) and address(es) attached? Yes X No

Additional name(s) of conveying party(ies) attached? Yes X No

3. Nature of conveyance:

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date: December 18, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 18, 2002

A. Patent Application No.(s)

10/331875

B. Patent No.(s)

Additional numbers attached: Yes X No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce H. Bernstein
Internal Address: P23224
Street Address: GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

X Enclosed
Authorized to be charged to deposit account

8. Deposit account number:

19-0089
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce H. Bernstein, Reg. No. 29,027
Name of Person Signing

Signature Reg. No. 33,329

12/30/02
Date

Total number of pages including cover sheet, attachments and document: 4

JC971 U.S. PTO
10/331875
12/31/02

ASSIGNMENT

WHEREAS, Seong-Ho CHO, a citizen of Republic of Korea, whose post office address is Siyeong Apt. 11-905, Sinweol-Dong, Yangcheon-Gu, Seoul, Korea, In-Seop LEE, a citizen of Republic of Korea, whose post office address is Ihwa Apt. 103-2204, Ojeon-Dong, Euiwang, Gyeonggi-Do, Korea, In-Won LEE, a citizen of Republic of Korea, whose post office address is Jungang Heights Apt. 102-702, Gwangmyeong 7-Dong, Gwangmyeong, Gyeonggi-Do, Korea, Jae-Yong SUNG, a citizen of Republic of Korea, whose post office address is Hyundai Home Town 302-1208, 1713, Bongcheon 6-Dong, Gwanak-Gu, Seoul, Korea, Jay-Ho CHOI, a citizen of Republic of Korea, whose post office address is Gaepo Woosung 4th Apt. 2-701, 465, Dogok-Dong, Gangnam-Gu, Seoul, Korea, Kwang-Hyup AN, a citizen of Republic of Korea, whose post office address is Jugong 1 Danji Apt. 114-508, Dunchon 1 - Dong, Gangdong-Gu, Seoul, Korea, Jeong-Ho LEE, a citizen of Republic of Korea, whose post office address is 1457 Baekseok-Dong, Ilsan-Gu, Goyang, Gyeonggi-Do, Korea, Young-Sok NAM, a citizen of Republic of Korea, whose post office address is Hyundai Apt. 303-604, 484, Gwangjang-Dong, Gwangjin-Gu, Seoul, Korea hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

INFRARED SENSOR ASSEMBLY AND REFRIGERATOR HAVING THE INFRARED SENSOR

for which they have executed, on the same date as this assignment, an application for Letters Patent for 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. Roland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

COPY

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, Republic of Korea, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States 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 ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States 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 ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States 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 ASSIGNOR authorizes and requests 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 said ASSIGNORS, on the respective date(s) indicated below.

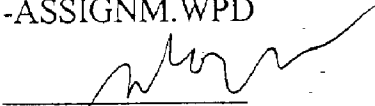
Chong Ho 2002.12.18
 Seong-Ho CHO
 (Typed name) (Date)

In Seop 2002.12.18
 In Seop LEE
 (Typed name) (Date)

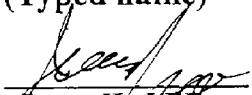
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Jae Yong 2002.12.18
 Jae-Yong SUNG
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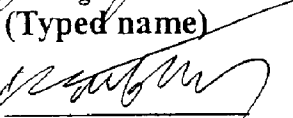
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Kwang-Hyup AN
(Typed name)

2002.12.18
(Date)


Jeong-Ho LEE
(Typed name)

2002.12.18
(Date)


Young-Sok NAM
(Typed name)

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(Date)

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