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11-03-2003 RECORDATION FORM C FORM PTO-1596 OF COMMERCE 1-31-92 Trademark Office **DOCKET NO.:** LK-002 PATENTS O 102590463 To the Honorable Commissioner of Patents and Trademarks: Please 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): In-Gyu KIM, Young-Ju BAE, Ja-Hyung KOO, Byung-ll PARK, LG Electronics Inc. Kyeongj-Ho KIM, Yang-Ho KIM, Young-Ho HONG, Kyeong-Wook HEO, Kang-Wook CHA, Si-Kyong SUNG, Dong-Hyuk LEE, Seong-Min KANG and Tae-Geun KIM Internal Address: Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Street Address: 20, Yoido-dong, Youngdungpo-Ku X Assignment Merger Security Agreement Change of Name City: Seoul State/Country: KOREA ZIP: Other Execution Date: June 9, 2003 Additional name(s) & address(es) attached? No 4. Application number(s) or patent number(s): 10250364 application, the execution date of the application is: <u>June 9, 2003</u> If the document is being filed together with a new application, A. Patent Application No(s).: B. Patent No(s) Filed: Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: FLESHNER & KIM, LLP 7. Total fee (37 C.F.R. 3.41)..... \$40.00 Internal Address: X Enclosed (Check No. 9741) Authorized to be charged to deposit account Street Address: P. O. Box 221200 8. Deposit account number: 16-0607 City: Chantilly ZIP: 20153-1200 State: VA DO NOT USE THIS SPACE 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. John C. Eisenhart, Reg. No. 38,128 July 1, 2003 Name and Registration No. of Person Signing Total number of pages including cover sheet: 2 CMB No. 0851-0011 (exp. 4/94)

PATENT

**REEL: 014641 FRAME: 0248** 

Docket No.:

LK-0002

## ASSIGNMENT

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(9) Extensing KOO (10) SikKrons SUNG (11) Dross-Frank IEB (12) Essenge Mark KANG (13) Tax-Grank KIM (14) Tax-Grank KIM (15) Tax-Grank KIM (16) Xmone Has HONG (17) Xmone Has HONG (18) Tax-Grank KIM (18) Tax-Grank KIM (19) T	(1) In-Gyu KIM	(8) Kyeong-Wook HEO
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(9) Xang-Ho KIM (12) Sang-Ho KIM (13) Tac-Group KIM (14)  When whe was a contain more and useful invention, hereby sell, useign and transfer unto Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  Life Electronics Inc.  20. Yorks-Donn Yondownpo-Ku, 150-010, Scoul, Republic of Koret  20. Yorks-Donn Yorks-	(3) Ja-Hvung KOO	(10) Si-Kyong SUNG
(6) Yang-Ho KiM (7) Young-Ho HONG (14) (14) (14) (14) (15) Tay-Group KiM (14) (15) Tay-Group KiM (14) (14) (15) Tay-Group KiM (14) (14) (15) Tay-Group KiM (15) Tay-Group KiM (15) Tay-Group KiM (14) (15) Tay-Group KiM (15) Tay-Grou	(4) Brung-II PARK	(11) Dong-Hyuk I.EE
(14)  Who have mids a cuttain new and useful invention, heately sell, assign and transfer unto   Ed. Electropical Inc.  20. Youke-Done, Yongdungo-Ku, 150-019, Seed, Republic of Korel  in successors and sasigns (Incerinafore designated "ASSIGNEE") the entire sight, side and interest for the United States of America as defined in 35 U.S.C. 100 in the invention confit  FRONT SUCTION/DISCHARGE TYPE OUTDOOR UNIT FOR AIRCONDITIONER  (b) for which an application for United States Letters Parent was filed on and identified by United States Scial No ; or   (b) for which an application for United States Letters Parent was secretaed on and identified by United States Scial No ; or   (b) for which an application for United States Letters Parent was executed on and identified by United States Scial No ; or   (c) for which an application for United States Letters Parent was executed on and identified by United States Letters Parent which may be great statesfor and/or that claim-pricity thereto and any and all extensional distributions, relatively, and the united states of America and States Letters Parent was executed on parent therefore the United States Letters Parent was executed on the states of Industributed States Letters Parent of and/or back claim-pricity thereto and any and all extensional convention for for Parents and or Industributed Parents of Industributed Parents of the States (and the undersigned agree that the attempts of record in said application shall hereafter act on behalf of said ASSIGNEE; has accessed assigns and legal apprecentatives, and without further parents and to repute the said extension shall hereafter act on behalf of said ASSIGNEE; has accessed as a said application shall hereafter act on behalf of said ASSIGNEE; has accessed as a said application shall hereafter act on behalf of said ASSIGNEE; has accessed as a said application shall hereafter act on behalf of said ASSIGNEE; has accessed as a said application shall hereafter act on	(5) Kyeong-Ho KIM	(12) Seong-Min KANG
who have made a certain new and useful invention, hereby sell, assign and manufact unto  LG Electronics Inc.  29. Yorkto-Dong, Yongdongoo Ku. 150-010. Scott Republic of Korea  in successors and assigns (herefunface designated "ASSIGNEE") the online sight, side and interest for the United States of America as defined in 35 U.S.C., 100 in the invention endit  FRONT SUCTION/DISCHARGS TYPE OUTDOOR UNIT FOR AIRCONDITIONER  (6) for which an application for United States Letters Patent was executed on  10 and the undersigned hereby authorize and respects the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be gent  theretor, and of the alculum priority freetree and serve and executed and all the tensions distributes, research, anotheristic, recreasely, commissioner or patents and repulsation of the commissioner of patents and repulsation of the commissioner of patents and Trademarks to issue any and all United States Letters Patent which there is an another of an advantage of the commissioner of patents and Trademarks to issue any and all United States Letters Patent which there is an advantage of the commissioner of patents and Trademarks to issue any and all United States Letters Patent which there is an advantage of the commissioner of patents and Trademarks to issue any and all United States Letters Patent which there is an advantage of the commissioner of the states of the patents of the patents and the commissioner of the states of the state	(6) Yang-Ho KIM	(13) Tac-Geun KIM
Its successors and assigns (hereinafted designated "ASSIGNEE") for order right, side and interest for the United States of America as defined in 35 U.S.C. 100 in the invention emit FRONT SUCTION/DISCHARGE TYPE OUTDOOR UNIT FOR AIRCONDITIONER  (b) for which an application for United States Letters Parent was filed on and identified by United States Scrial No or (b) for which an application for United States Letters Parent was executed on and identified by United States Scrial No or (c) for which an application for United States Letters Parent was executed on and identified by United States Scrial No or (c) for which an application for United States Letters Parent was executed on and identified to instant the united States Letters Parent which may be grant thereof and of the design parent by the control and an application of the United States Letters Parent which may be grant thereof and of the design parent by the control and application of the United States Letters Parent which may be grant thereof and of the design and legal expensionations, and all exemptions, delivering an abusination of the United States Letters Parent which may be grant thereof and professionation of the United States Parent which may be grant thereof and the united States Parent property of the safe ASSIGNEE for the state of the safe ASSIGNEE for an advantage and legal expensionations, and without farcher termoreston, in and any importance of the United States and to safe an abusination original, divisional, reison or counted to the undersigned benefits under the transfer all like interests and to the analytic original and without farcher termoreston, in and any importance of the United States Parent and trademark Office, for recordation that may be necessary defaulted in order to comply with the cules of any issuing suthority, including the United States Parent and Trademark Office, for recordation of this document.   June 9 2003  Name: July 1909  June 9 2003  June 9 20	(7) Young-Ho HONG	
20. Yorkie-Done Yongdungpo-Ku. 150-010. Secol. Republic of Korca  its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, side and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entity  FRONT SUCTION/DISCHARGG TYPE OUTDOOR UNIT FOR AIRCONDITIONER  (b) for which an application for United States Letters Patent was filed on and identified by United States Schild No ; or  (c) for which an application for United States Letters Patent was filed on and identified by United States Schild No ; or  (d) for which an application for United States Letters Patent was filed on and identified by United States Letters Patent which may be great the tereor and/or that claim priority threton and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be great theretor and/or that claim priority threton and any and all exercisions, abstincts a processor of the American of Indicated Patents and States Letters Patent and American and to retain a patent was assigns and legal expectances. United States, upon of Indicated Patents, and the indicated assigns and legal expectances. Assigns and Expert and Control of Indicated Patents and Indicated States, upon expects of the acid ASSIGNEE, its successors, assign and legal expectances. And on the United States, upon expects of the acid ASSIGNEE, its successors, assign and legal expectances. And in the cults of assignment entry further identification that may be necessary additional to a satignment entry further identification that may be necessary additional to comply with the cults of any issuing sutherity, including the United States Patent on that assignment entry further identification that may be necessary delayed control comply with the cults of any issuing sutherity, including the United States Patent and Trademark Office, for recordation of this document.  Tune 9 2003  Name: Bullying KO	who have made a certain new and useful invention, hereby sell, assign and trans	fer unto
its successors and susigns (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 entitle FRONT SUCTION/DISCHARGE TYPE OUTDOOR UNIT FOR AIRCONDITIONER  (b) for which an application for United States Letters Patent was filed on and identified by United States Serial No or (b) for which an application for United States Letters Patent was executed on and identified by United States and States Letters Patent which may be grant the underlighed before you authorize and sequest the United States Commissioner of Patents and Tradermarks to issue any and all United States Letters Patent which may be grant therefor and for the telemination of the patent which may be grant therefor and for the telemination of the patent which may be grant the secret, and the angite to all benefits under the international Convenients for the Protection of Industrial Property to here said ASSIGNEE, for its interest as ASSIGNEE, we underlying all agree that the strongers of record in said applications that hereafter act on behalf of said ASSIGNEE, its successors, using and legal experientatives, the underlying all agree that the strongers of record in the said and the behalf of said ASSIGNEE. AND the underlying the United States in the said ASSIGNEE, its successors, using and legal expressmentatives, deserted assemble to ASSIGNEE to protections and or ender all necessary assistance in making application for and obtaining oxiginal, divisional, reissue or established Letters Patents of the United States and the patent of the said ASSIGNEE, and ASSIGNEE, its successors, using and legal expressmentatives, deserted to be said reverted and to be said reverted, and ASSIGNEE, its successors, using and legal expressmentatives, deserted assemble to ASSIGNEE, the protections and did in and to the invention hereby transferred.  AND the undersigned hereby grants the farm of FLESFININR & KIML LIPLE the power to insert on this assignment an	LG Electronics Inc.	
(b) for which an application for United States Letters Patent was filed on and identified by United States Scrial No	20, Yoido-Dong, Yongdungpo-Ku, 150-010, Seoul, Republic of Korea	
(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 grant thereoff and/or that claim priority thereto and any and all extensions, divisions, relatives, substitutes, encovals, continuations, or continuations—in-part thereoff and/or that claim prior the therefore under the International Convention for the Protection of Industrial Property on the said ASSIGNEE, for its interest as ASSIGNEE, its successor assignant 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, reissue or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assignant 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, assignant 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, assignant legal representatives, and without further remuneration, in and 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, assignant legal representatives, and without further remuneration, in and any improvements, and applications of the Said ASSIGNEE, for patent based thereon, growing out of or related to the said invention, and to be invention, and the patent said legal representatives, and without further remuneration, in and application of the said ASSIGNEE, its successors, assignant and legal representatives, and without further said legal representatives, and		
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 grant therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, authority, encounts, continuations, or continuations and legal representatives; the undersigned larger that the attempts of technical application shall hereafter act on behalf of said ASSIGNEE, its successors, assigns and legal representatives, and obtaining original, divisional, reissue or contended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remurrention, in and any improvements, and applications for patent based thereon, growing out of or related to the said invention, and to resecute any papers by the said ASSIGNEE, its successors, assign and legal representatives, deemed essential to ASSIGNEE's full protection and did in and to the invention hereby transferred.  AND the undersigned hereby grants the farm of FLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary desirable in order to comply with the culse of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.  Turne 9, 2003  Name: Bytung Park		
streetic and of which claim priority interests and all extensions, divisions, relaxed, abbainties, constituations to condituations to part thereof and/or that claim priority the said to laborative under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, ris successor assigns and legal expectantiatives, the undersigned agree that the attending of Industrial Property to the said ASSIGNEE, ris successor assigns and legal expectantiatives, the undersigned agree that the attending of relaxed in the Interest, and to render all necessary assistance in making application for and obtaining original, divisional, relaxed texters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal experimentatives, and without further remuneration, in and any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papert by the said ASSIGNEE, its successors, assigns and legal experimentatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.  AND the undersigned hereby grants the farm of FLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary desirable in order to comply with the cubes of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.  Turne 9, 2003  Name: Young-Ju BAE  June 9, 2003  Turne 9, 2003  Name: Brang-li PARK  Turne 9, 2003  Turne 9, 2003		
AND the undersigned hereby grants the firm of FLESHNER & KIM, LLP the power to insert on this assignment any further identification that may be necessary desirable in order to comply with the tules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.  SIGNED on the dates indicated aside our signatures:  INVENTIORS  DATE SIGNED  1)  Name: In-Gyu KIM  2)  Name: Young-Ju BAE  3)  Name: Young-Ju BAE  June 9, 2003  June 9, 2003  June 9, 2003  Tune 9, 2003  Tune 9, 2003  Tune 9, 2003	theretor and/or that claim priority thereto and any and all extensions, divisions, rethereto, and the right to all benefits under the International Convention for the Prassigns and legal representatives; the undersigned agree that the attorneys of rechanges and legal representatives; the undersigned agree that the attorneys of rechanges and legal representatives; the undersigned agree to transfer a like interest, and to or extended Letters Patent of the United States, upon request of the said ASSIC any improvements, and applications for patent based thereon, proving out of or rechanges.	issues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority rotection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, for din said application shall hereafter act on behalf of said ASSIGNEE;  or render all necessary assistance in making application for and obtaining original, divisional, reissued INNEE, its successors, assigns and legal representatives, and without further remuneration, in and to related to the said invention; and to execute our property by the said ASSIGNEE;
INVENTORS  INVENTORS  DATE SIGNED  Time P, 2003  Tuke P 2003	AND the undersigned hereby prants the firm of FLESHNER & KI	IM LLP the mover to invert on this assignment are farther identification that man be assessed
Dracy  Pracy  Pracy  Pracy  Name: Young-Ju BAE  Tune 9, 2003  Tune 9, 2003  June 9, 2003  Name: Bying-Il PARK  Thura 9, 2003	SIGNED on the dates indicated aside our signatures: INVENTORS	DATE SIGNED
Name: Young-Ju BAE  June 9, 2003  Name: Byung-Il PARK  June 9, 2003  Name: Kyeong-Ho KIM  June 9, 2003  Tune 9, 2003	Name: In-Gyu KIM	June P, 2002
June 9 2003  Name: Byung-li PARK  5)  Name: Kyeong-Ho-KIM  6)  Tuge 9, 2003	4	Tune P. ses3
Name: Byung-II PARK  5) June 9, 2003  Name: Kyeong-Ho-KIM  Tune 9, 2003		June 9, 2003
5) June 9, 2003  Name: Kyeong-Ho KIM  Type 9, 2003	A) Name: Byung-li PARK	June 9, 2003
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	6 <u></u>	June 9,2003

PATENT **REEL: 014641 FRAME: 0249** 

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Name: Young-Ho HONG	
Name: Kyeong-Wook HEO	June 9. 2003
» Alt	June 9. 2003
Name: Kang-Wook CFIA	
10) Morrow Si-Kyong SUNG	June 9. 2003
11)	June . 9 . 2003
Name: Dong-Hyuk LEE	
12) Kang Kang	June: 9. 2003
13)	June 9 , 2003
Name: Tac-Goun KIM	

PATENT **REEL: 014641 FRAME: 0250**