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FORM PTO-1595 P25184.P03		05-03-2004 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE
To the Honorable Director of Pat	tents and Trac		nts or copy thereof.
1. Name of Conveying party(ies): SHIN, Dong Koo KIM, Cheol Hwan	04	1 02735430 Name: LG ELECTE	
Additional name(s) of conveying party(ies) attached?	Yes <u>X</u> No	Internal Address:	5. PTC
3. Nature of conveyance:	<u></u>	Street Address: 20, Yoido-D	ong, Yongdungpo-gu,
_X_AssignmentMerger		Seoul, REPU	BLIC OF KOREA
Security Agreement Change of N	Name	City:	State: ZIP
Other			
Execution Date: March 30, 2004		Additional name(s) and addres	ss(es) attached? Yes _X No
Application number(s) or patent number(s):  If this document is being filed together with a new a	108323		30, 2004
A. Patent Application No.(s)		B. Patent No.(s)	
Name and address of party to whom correspondence document should be mailed:		ttached: Yes_X_ No  6. Total number of applications as	nd patents involved: 1
Name: Bruce H. Bernstein		7. Total Fee (37 CFR 3.41)	\$ 40.00
Internal Address: P25184		X Enclosed	
		Authorized to be charged	to deposit account
Street Address: GREENBLUM & BERNSTEI  1950 Roland Clarke Place	N, P.L.C.	8. Deposit account number:	
	710 00101	(Attach dupheate copy of this p	page if paying by deposit account)
City: Reston State: VA	ZIP:		
	DO NOT USI	E THIS SPACE	
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoin</li> </ol>	ng information is true an	d correct and any attached copy is a ti	rue copy of the original document
Bruce H. Bernstein, Reg. No. 29,027 My Name of Person Signing	Blef Mirse	ne Reg Sto 33,3	329 4/07/04 Date
	•	sheet, attachments and document: 4	
\(\frac{1}{2}\)	monto to be see a la la co		
Dire	ments to be recorded wit ector of the United State Box 1450 Alexandria, V	h required cover sheet information to s Patent and Trademark office, Mai /irginia 22313-1450	: l Stop Assignments
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(INTERNATIONAL - TWO INVENTORS/SINGLE ASSIGNEE/APPLN. NOT FILED)

## ASSIGNMENT

WHEREAS, \*Dong Koo SHIN \*, a citizen of \*Republic of Korea \*, whose post office address is \* 1613 Seongwon APT., 1028 Bisan 3-dong, Dongan-gu, Anyang-si, Gyeonggi-do,Korea \*, and \* Cheol Hwan KIM \*, a citizen of \*Republic of Korea \*, whose post office address is \* B-201 Yeonji Proville 2cha, 405-521 Mok-dong, Yangcheon-gu, Seoul, Korea \*, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

## \* VARIABLE CAPACITY SCROLL COMPRESSOR \*

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, Reston, Virginia 20191. to insert here 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 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

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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 \* <u>Dong Koo SHIN</u> \*, on the date(s) listed below at <u>1613 Seongwon APT.</u>, <u>1028 Bisan 3-dong</u>, <u>Dongan-gu</u>, <u>Anyang-si</u>, <u>Gyeonggi-do,Korea.</u>

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First Witness:		
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(Name)		
2014.3.30		
(Date)	A 1	
		. Sin
Second Witness:	*INVENTOR	Dong Koo SHIN
(chee)		
(Name)		
no4. n.re		
(Date)		

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(Date)

**RECORDED: 04/27/2004** 

IN TESTIMONY WHEREOF, this assignment is executed by \* Cheol Hwan KIM \*, on the date(s) listed below, at <u>B-201 Yeonji Proville 2cha, 405-521 Mok-dong, Yangcheon-gu, Seoul, Korea</u>.

First Witness:	
JANN	
(Name)	
2004.3.30	
(Date)	
	Alm
	*INVENTOR Cheol Hwan KIM
Second Witness:	
They	
(Name)	
20-4. 3. 30.	