Atty. Docket No.:	0630-1412P
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101954143	Page 1 of Page
Torable Commission	ner of Patents and Trademarks: ginal documents or copy thereof.
1. Name of conveying party(ies): LAST NAME (ALL CAPS), First Name LEE, Dong Soo KOO, In Hwe	2. Name and address of receiving party(ies) Name: LG ELECTRONICS INC. Internal Address: Street Address: 20, Yoido-Dong, Yongdungpo-Ku City: Seoul State: ZIP: Country: KOREA Postal Code: Additional name(s) & address(es) attached? YES NO
 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the A. Patent Application No(s). NEW 	ne execution date of the application is: December 26, 2001 B. Patent No.(s).
Additional numbers attacts 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA 2002 HLE333 00000024 10042205 581 DO NOT US	ched? ☐ YES ☒ NO 6. Total No. of applications/patents involved: ONE (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 ☒ Enclosed ☒ Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 02-2448 ——————————————————————————————————
James T. Eller, Jr., #39,538 Name of Person Signing/Reg. No.	Information is true and correct and any attached copy is a true Signature January 11, 2002 Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Da

JTE/sll

(Rev. 12/10/01)

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR

Attorney Docket No. 0630-1412P

UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. NEW	Filed Jan. 11, 2002	
nsert Name(s) of Inventor(s)	WHEREAS, Dong Soo LE	E and In Hwe KOO	-
			-
Insert Title	(hereinafter designated as the undersigned) has (have DRIVING PIN STRUCTURE FOR SCROLL C) invented certain new and useful improvements in	
of Invention			
		ted States of America has been executed by the undersigned	
Insert Date of Signing of Application	on	; and	i
Insert Name of Assignee	•	ES INC.	
Insert Address of Assignee	20, Yoido-Dong, Yongdungpo-Ku, Se	oul, Korea	-
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and acquiring the entire right, title and interest in a may be granted therefor in the United States of in any and all foreign countries	d assigns (hereinafter designated as the Assignee) is desirous and to said invention and in and to any Letters Patent(s) that America and	of
A MATRON	NOW THEREFORE, in consideration	of the sum of Ten Dollars (\$10.00) to the undersigned in hand adged, and other good and valuable consideration, the undersigned by these presents does sell, assign and transfer unto said Assign the presents does sell, assign and transfer unto said Assignment of the property of the prop	ned nee and

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT REEL: 012470 FRAME: 0011 The undersigned agrcc(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _	2001, 12,26.	Name of Inventor _	(signature) In Hwo KOO
Date _	2001. 12:26,	Name of Inventor _	(signature) Dong Soo LEE
Date _	,	Name of Inventor	(signature)
Date _	,	Name of Inventor _	(signature)
Date _		Name of Inventor _	(signature)
Date _	,	Name of Inventor	(signature)

PATENT REEL: 012470 FRAME: 0012