

05-13-2002

ity. Docket No.: 0630-1394P
Page 1 of 1



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102086604

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): [LAST NAME (ALL CAPS), First Name]</p> <p>HAN, Seung Do SHIN, Hyoun Jeong CHO, Kwan Yeul KIM, Yoon Hyeo</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: LG ELECTRONICS INC.</p> <p>Internal Address:</p> <p>Street Address: 20, Yoido-Dong, Yongdungpo-Ku</p> <p>City: Seoul State: ZIP:</p> <p>Country: KOREA Postal Code:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: December 19, 2001</p>	

5.7.02

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:

<p>A. Patent Application No(s). <u>10/041,499</u></p>	<p>B. Patent No.(s).</p>
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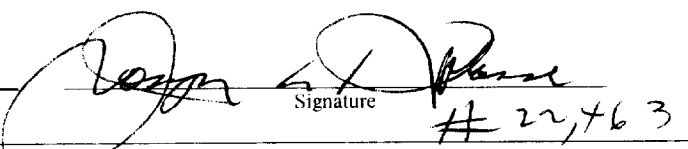
Additional numbers attached? YES NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP</p> <p>Street Address: P.O. BOX 747</p> <p>City: FALLS CHURCH State: VA ZIP: 22040-0747</p> <p>Country: USA</p>	<p>6. Total No. of applications/patents involved: ONE (1)</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached.</p> <p>8. Deposit account number: <u>02-2448</u></p> <p>(Attach triplicate copy of this page if paying by deposit account)</p>
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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.

<p><u>James T. Eller #39,538</u> Name of Person Signing/Reg. No.</p>	 Signature # 22,463	<p><u>May 7, 2002</u> Date</p>
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Total number of pages including cover sheet, attachments, and document: **EIGHT (8)**

05/10/2002 DBYRME 00000050 10041499
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(Rev. 12/10/01)

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To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

JC997 U.S. PTO
10/041499
01/10/02

<p>1. Name of conveying party(ies): [LAST NAME (ALL CAPS), First Name]</p> <p>HAN, Seung Do SHIN, Hyoun Jeong CHO, Kwan KIM, Yoon Hyeo</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: LG ELECTRONICS INC.</p> <p>Internal Address:</p> <p>Street Address: 20, Yoido-Dong, Yongdungpo-Ku</p> <p>City: Seoul State: ZIP:</p> <p>Country: KOREA Postal Code:</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>
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01/10/02

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other:

Execution Date: **December 19, 2001**

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 19, 2001**

<p>A. Patent Application No(s).</p> <p>NEW</p>	<p>B. Patent No.(s).</p>
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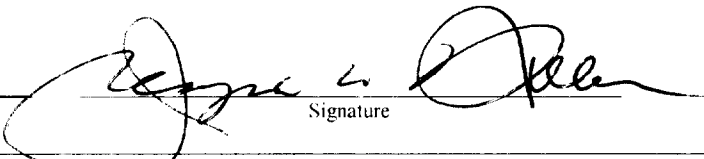
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9. Statement and signature.

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.

<p>Joseph A. Kolasch, #22,463 Name of Person Signing/Reg. No.</p>	 <p>Signature</p>	<p>January 10, 2002 Date</p>
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Total number of pages including cover sheet, attachments, and document: **THREE (3)**

01/15/2002 VTRUONG1 00000053 10041499
01 FEB 581 40.00 DF

JAK/ka
(Rev. 12/00)

ASSIGNMENT

Application No. NEW

Filed January 10, 2002

Insert Name(s) of Inventor(s) ➡

WHEREAS, Seung Do HAN, Hyoun Jeong SHIN, Kwan Yeul CHO and Yoon Hyeo KIM

Insert Title of Invention ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

SINGLE PHASE LINE START PERMANENT MAGNET SYNCHRONOUS MOTOR

Insert Date of Signing of Application ➡

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

on December 19, 2001; and

Insert Name of Assignee ➡

WHEREAS, LG ELECTRONICS INC.

Insert Address of Assignee ➡

20, Yoido-Dong, Yongdungpo-Ku, Seoul, Korea

CHECK BOX IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any and all foreign countries

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.

The undersigned agree(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 2001.12.19, Name of Inventor 
 (signature) Seung Do HAN

Date 2001.12.19, Name of Inventor 
 (signature) Hyoun Jeong SHIN

Date 2001.12.19, Name of Inventor 
 (signature) Kwan Yeul CHO

Date 2001.12.19, Name of Inventor 
 (signature) Yoon Hyeo KIM

Date _____, Name of Inventor _____
 (signature)

Date _____, Name of Inventor _____
 (signature)