

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shin Bongkun</td> <td>07/10/2013</td> </tr> <tr> <td>ANN SUNGJIN</td> <td>07/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shin Bongkun	07/10/2013	ANN SUNGJIN	07/10/2013		
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Shin Bongkun	07/10/2013								
ANN SUNGJIN	07/10/2013								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG ELECTRONICS CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>129, Samsung-ro, Yeongtong-gu</td> </tr> <tr> <td>City:</td> <td>Suwon-si, Gyeonggi-do, 443-742</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SAMSUNG ELECTRONICS CO., LTD.	Street Address:	129, Samsung-ro, Yeongtong-gu	City:	Suwon-si, Gyeonggi-do, 443-742	State/Country:	KOREA, REPUBLIC OF
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Street Address:	129, Samsung-ro, Yeongtong-gu								
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PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29460489</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29460489				
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CORRESPONDENCE DATA									
Fax Number: 2122468959 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 212-708-1803 Email: gmarti@ladas.com Correspondent Name: Geraldine Marti Address Line 1: Ladas & Parry LLP Address Line 2: 1040 Avenue of the Americas Address Line 4: New York, NEW YORK 10018-3738									
ATTORNEY DOCKET NUMBER:	UD 052477-9								
NAME OF SUBMITTER:	John Richards								
Signature:	/John Richards/								
Date:	07/11/2013								
This document serves as an Oath/Declaration (37 CFR 1.63).									

CH \$40.00 29460489

Total Attachments: 6

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Combined Assignment and Declaration

Note: 37 CFR 1.63(e) states "A person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in ' 1.56"

Attorney Docket No. UD 052477.9

PATENT

For: ☐ U.S. and/or ☐ Foreign Rights
For: ☐ U.S. Application or
☐ U.S. Provisional Application
For: ☐ PCT Application
By: ☐ Inventor(s)

COMBINED ASSIGNMENT OF INVENTION AND INVENTOR=S DECLARATION UNDER
37 CFR 1.63

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor

Shin Bongkun
(type or print name(s) of ASSIGNOR)

104-1302 Yeongwang Apt., Joonggye 4dong,
Address

Gnowon-gu, Seoul, Korea

Korean
Nationality

hereby sells, assigns and transfers to

ASSIGNEE:

SAMSUNG ELECTRONICS CO., LTD.
(type or print name(s) of ASSIGNEE(S))

129, Samsung-ro, Yeongtong-gu,
Address

Suwon-si, Gyeonggi-do, 443-742,
REPUBLIC OF KOREA

Korean
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

☒ the entire right, title and interest

(Assignment of Invention Page 1 of 3) 16-4

☐ an undivided _____ percent (_____%) right, title and interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

Speaker

Name of inventor(s) _____
Shin Bongkun and Ann, SungJin

(check and complete (a), (b), (c), (d), (e), or (f))

and which is found in (37 C.F.R. 3.21)

- (a) ☐ Not yet filed U.S. patent application executed on even date herewith
(b) ☐ Not yet filed U.S. patent application executed on _____
(c) ☐ Not yet filed U.S. provisional application naming the above inventor(s) for the
above-entitled invention
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney
to insert below the filing date and application number when they
become known.
(d) ☐ U.S. patent or provisional patent application no.
filed on _____
(e) ☐ International application no. PCT / _____ / _____ filed on _____

(also check (g), if foreign application(s) is also being assigned)

- (f) ☐ and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or
re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or
will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

DECLARATION

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Further, as the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☐ United States application or PCT international application number _____
filed on

Title of Invention

Speaker

LEGAL NAME OF INVENTOR

Shin Bongkun and Ann, SungJin

IN WITNESS WHEREOF, I have hereunto set hand and seal this

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 10/23/10


Signature of ASSIGNOR/INVENTOR
Shin Bongkun

(Assignment of Invention Page 3 of 3) 16-4

Combined Assignment and Declaration

Note: 37 CFR 1.63(c) states "A person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.56"

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ASSIGNOR:

Inventor:

Ann, Sung Jin

(type or print name(s) of ASSIGNOR)

404 Starvill Apt., 265-293 HongEun-3dong,

Address

Seodaemun-gu, Seoul, Korea

Korean

Nationality

hereby sells, assigns and transfers to

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SAMSUNG ELECTRONICS CO., LTD.

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(Assignment of Invention Page 1 of 3) 16-4

PATENT

REEL: 030789 FRAME: 0289

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(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:

Speaker

Name of inventor(s) _____ Shin Bongkun and Ann, Sungjin _____

(check and complete (a), (b), (c), (d), (e), or (f))

and which is found in (37 C.F.R. 3.21)

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(Assignment of Invention Page 2 of 3) 16-4

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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Title of Invention

Speaker

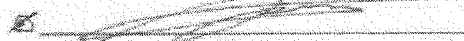
LEGAL NAME OF INVENTOR

Shin Bongkun and Ann, SungJin

IN WITNESS WHEREOF, I have hereunto set hand and seal this

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Date: 2013. 7. 10


Signature of ASSIGNOR/INVENTOR
Ann, SungJin

(Assignment of Invention) page 3 of 3) 16-4