

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NANORADIO AB	07/22/2013
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	129, Samsung-ro, Yeongtong-gu
City:	Suwon-si, Gyeonggi-do
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12451935
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	678-4719
NAME OF SUBMITTER:	Paul J. Farrell
Signature:	/pjf/
Date:	07/23/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 12451935

PATENT

PATENT

Attorney Docket No. 678-4719

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or ☒ U.S. Patent  
By: ☐ Inventor(s) or ☒ Present Owner

**ASSIGNMENT OF INVENTION**

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(s) or person(s) or entity(ies) who own the invention)

NANORADIO AB  
TORSHAMNSGATAN 39  
KISTA, SWEDEN SE16440

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on May 27, 2010  
Reel 024469  
Frame 0728

hereby sells, assigns and transfers to:

ASSIGNEE:  
SAMSUNG ELECTRONICS CO., LTD.  
129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do, 443-742, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions

(Assignment of Invention [16-3] - page 1 of 3)



PATENT  
REEL: 030855 FRAME: 0740

(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:

**METHOD AND AN APPARATUS FOR SYNCHRONISING A RECEIVER  
TIMING TO TRANSMITTER TIMING**

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

and which is found in:

- (a) ☐ U.S. Patent Application executed on even date herewith.
- (b) ☐ U.S. Patent Application executed on \_\_\_\_\_.
- (c) ☒ U.S. Patent Application No. 12/451,935 filed on December 8, 2009.
- (d) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.
  - ☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (e) if foreign application(s) is also being assigned)


- (e) ☒ 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 re-issue 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.

Dated: 22.07.2013

  
\_\_\_\_\_  
Martin Sallernag  
VP  
\_\_\_\_\_  
Title