

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	12/12/2002	
CONVEYING PARTY DATA		
	Name	Execution Date
	SALEH OSMAN	08/19/2014
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PROPERTY NUMBERS Total: 1		
	Property Type	Number
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DATE SIGNED:	08/19/2014	
Total Attachments: 1		
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NUNC PRO TUNC ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, as the below-named Assignor, hereby sell, and assign, and transfer, nunc pro tunc effective **December 12, 2002**, my entire and exclusive right, title, and interest in the following to **Koninklijke Philips Electronics, N.V.**, then having a place of business at **Groenewoudseweg 1, Eindhoven, 5621 BA, The Netherlands**, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee");

my invention relating to "**PRESERVING LINEARITY OF AN ISOLATOR-FREE POWER AMPLIFIER BY DYNAMICALLY ADJUSTING GAIN AND PHASE**", for which the following patent applications have been filed: U.S. patent appln. no. **60/432,897 (December 12, 2002)**; International patent appln. no. **PCT/IB03/05938 (December 10, 2003)**, which claims priority of 60/432,897, and U.S. patent appln. no. **10/538,632 (February 9, 2006)**, which claims priority of both 60/432,897 and PCT/IB03/05938; and

all rights in and to said applications, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, reexaminations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I further confirm that, as of **December 12, 2002**, I had authorized and requested the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to **Koninklijke Philips Electronics, N.V.** for its sole use, and that of its successors, assigns, and legal representatives.

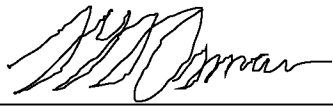
I further confirm that, as of **December 12, 2002**, I had covenanted and agreed and continue to covenant and agree to provide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I agreed and agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecutorial actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I also hereby confirm that, as of **December 12, 2002**, I had transferred unto the Assignee, its successors, legal representatives and assigns, all claims for damages by reason of past infringement of any patents based in whole or part upon said application, the right to sue for and collect the same for their own use and for the use and enjoyment of their successors, legal representatives or other assigns and do hereby assign and set over unto Assignee, its successors and assigns, nunc pro tunc effective **December 12, 2002**, all such claims and rights.

I certify that I have the full right to convey the above rights.

Aug 19th 2014
Date

(sign name here)
(print name here)


Saleh Osman

Assignor