PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Eric SOUCHARD	03/25/2013
Pierre BERTRAM	04/02/2013

RECEIVING PARTY DATA

Name:	THALES
Street Address:	45 rue de Villiers
City:	Neuilly Sur Seine
State/Country:	FRANCE
Postal Code:	92200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13846203

CORRESPONDENCE DATA

Fax Number: 2127045902

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2127046000

Email: angelina.stantini@troutmansanders.com

Correspondent Name: Louis J. DelJuidice

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Address Line 2: 405 Lexington Avenue, Chrysler Building Address Line 4: New York, NEW YORK 10174-0700

ATTORNEY DOCKET NUMBER:	242976.000005
NAME OF SUBMITTER:	Katherine Harihar
Signature:	/kharihar/
Date:	07/17/2013
	PATENT

502423621 REEL: 030820 FRAME: 0217

13846203

CH \$40,00

Total Attachments: 4

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> PATENT REEL: 030820 FRAME: 0218

Practitioner	's	Docket No.	
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PATENT

For: U.S. Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Name: Eric SOUCHARD

Address: CO/THALES COMMUNICATIONS & SECURITY SAS

110 avenue Leclerc, BP 70945

49309 CHOLET FRANCE

Nationality: FR

Name: Pierre BERTRAM Address: 64 rue Etienne DOLET

> 60100 CREIL FRANCE

Nationality: FR

hereby sell, assign and transfer to

ASSIGNEE:

Name: THALES

Address: 45 rue de Villiers

92200 NEUILLY SUR SEINE

FRANCE

Country of Formation: FRANCE

Assignment of Invention—page 1 of 2

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

FREQUENCY GENERATOR FOR RADIOFREQUENCY EQUIPMENT AND METHOD FOR GENERATING AN OUTPUT SIGNAL

and which is found in (37 C.F.R. §3.21) U.S. patent application executed on even date herewith or [] in Application No, filed onand, 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(S) 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.		
ASSIGNOR(S) further covenant(s) 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(S) 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.		
ASSIGNOR(S) hereby grant(s) the firm of TROUTMAN SANDERS LLP the power to insert or complete on this assignment document any information, including application number and filing date, 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.		
I/We have hereunto set hand on the date(s) set forth below.		
Date: <u>25/03/2013</u> Signature of Eric SOUCHARD		
Date:		

Signature of Pierre BERTRAM

Assignment of Invention—page 2 of 2 $\,$

PATENT

For: U.S. Rights
For: U.S. Application

By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR(S):

Name:

Eric SOUCHARD

Address:

CO/ THALES COMMUNICATIONS & SECURITY SAS

110 avenue Leclerc, BP 70945

49309 CHOLET

FRANCE

Nationality: FR

Name:

Pierre BERTRAM

Address:

5-7 rue Benjamin Raspail

60100 CREIL FRANCE

Nationality: FR

hereby sell, assign and transfer to

ASSIGNEE:

Name:

THALES

Address:

45 rue de Villiers

92200 NEUILLY SUR SEINE

FRANCE

Country of Formation: FRANCE

Assignment of Invention—page 1 of 2

PATENT REEL: 030820 FRAME: 0221 and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

FREQUENCY GENERATOR FOR RADIOFREQUENCY EQUIPMENT AND METHOD FOR GENERATING AN OUTPUT SIGNAL

and which is found in (37 C.F.R. §3.21) U.S. pa Application No, filed on	tent application executed on even date herewith or [] inand, in and to, all Letters bove application or any continuation, division, renewal, or
Patent to be obtained for said invention by the a substitute thereof, and as to letters patent any reissu	bove application or any continuation, division, renewal, or e or re-examination thereof.
ASSIGNOR(S) hereby covenant(s) that no as be made or entered into which would conflict with	signment, sale, agreement or encumbrance has been or will this assignment.
pertinent facts and documents relating to said invibe known and accessible to ASSIGNOR(S) and proceeding related thereto and will promptly exe any and all papers, instruments or affidavits requirements.	GNEE will, upon its request, be provided promptly with all ention and said Letters Patent and legal equivalents as may will testify as to the same in any interference, litigation or cute and deliver to ASSIGNEE or its legal representatives tired to apply for, obtain, maintain, issue and enforce said at and said equivalents thereof which may be necessary or
on this assignment document any information, in	OUTMAN SANDERS LLP the power to insert or complete cluding application number and filing date, which may be the rules of the U.S. Patent and Trademark Office for
I/We have hereunto set hand on the date(s) set	forth below.
Date:	
Si	gnature of Eric SOUCHARD
Date: 02/04/2013	liene Bentuam

Signature of Pierre BERTRAM

Assignment of Invention—page 2 of 2

PATENT REEL: 030820 FRAME: 0222