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To the Director of the U.S. Patent and

or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Reiner Hausdorf
Pavel Baros
Roman Striz

Execution Date(s) 9/7/2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Rohde & Schwarz GmbH & Co. KG

Internal Address: _____

Street Address: Mühldorfstraße 15

City: München

State: _____

Country: GERMANY Zip: D-81671

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Phouphanomketh Ditthavong

Ditthavong & Carlson, P.C.

Internal Address: _____

Street Address: 10507 Braddock Road

Suite A

City: Fairfax

State: VA Zip: 22032

Phone Number: (703) 425-8508

Fax Number: (703) 425-8518

Email Address: kditthavong@dcpatent.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1008
Expiration Date 11/07

b. Deposit Account Number _____

Authorized User Name P. DITTHAVONG

9. Signature:

Signature

September 27, 2005

Date

Phouphanomketh Ditthavong, Reg. No. 44,658

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Reiner HAUSDORF, Pavel BAROS, and Roman STRIZ, hereby sell, assign, and transfer to Rohde & Schwarz GmbH & Co. KG, a corporation of Germany, having a principal place of business at Mühlhofstraße 15, D-81671 München, GERMANY ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that will be filed concurrently with this assignment, and is entitled:

METHOD AND APPARATUS FOR ZERO-MIXING SPECTRUM ANALYSIS WITH HILBERT TRANSFORM

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

6.9., 2005
Datum / Date

Reiner Hausdorf
Name: Reiner HAUSDORF

7.9., 2005
Datum / Date

Pavel Baros
Name: Pavel BAROS

6.9., 2005
Datum / Date

Roman Striz
Name: Roman STRIZ