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To the Honorable Commissioner of Patents and Trademarks, U.S. Department of Commerce, Patent and Trademark Office, Washington, D.C. 20540

1. Name of conveying party(ies):

Christian Bock

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

2. Name and address of receiving party(ies):

Name: MICRONAS GmbHStreet Address: Hans-Bunte-Strasse 19City: D-79108 FreiburgCountry: GermanyAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date(s): 03/24/2008

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No(s) 12/006,092

B. Patent No(s)

Additional numbers attached? ☐ Yes ☒ NoTitle of Invention: Vorrichtung und Verfahren zum Entscheiden eines Symbols beim Empfang eines mit einem Quadratsignalpaar gekoppelten Signals zur QAM-Frequenzregelung und/oder Rotationsregelung

Our Docket No.: 2037-0015

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

Name: Harold C. MooreInternal Address: Maginget, Moore & BeckStreet Address: 111 Monument Circle, Suite 3250City: State: Zip: Indianapolis, IN 46204-5109

6. Total number of applications and patents involved

17. Total fee (37 CFR 3.41): \$. 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit Account number: 13-0014

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9. Statement and signature

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Harold C. Moore

Name of Person Signing

Registration No. 37,892

Signature

May 22, 2008

Date

Total number of pages including cover sheet, attachments and document 2

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 021042 FRAME: 0664

ASSIGNMENT

For good and valuable consideration, I, Christian Bock, a citizen of Germany, residing at Waldstrasse 1a, 79108 Freiburg, Germany, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **MICRONAS GmbH**, a corporation organized and existing under the laws of Germany, having its principal place of business at Hans-Bunte-Strasse 19, 79108 Freiburg, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 12/006,092, filed on December 28, 2007 and

entitled: **Vorrichtung und Verfahren zum Entscheiden eines Symbols beim Empfang eines mit einem Quadratursignalpaar gekoppelten Signals zur QAM-Frequenzregelung und/oder Rotationsregelung**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which 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 which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent 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 rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding 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.

SIGNATURE:



NAME: Christian Bock

DATE: March 24, 2008