04 AUG 2011 U.S. DEPARTMENT OF COMMERCE 13/138345 103630356 ©2011 Staas & Halsey LLP To the Director of the U.S. Pat-Name of conveying party: 1. Heike BARLAG 2. Name and Address of receiving party: SIEMENS AKTIENGESELLSCHAFT Wittelsbacherplatz 2 80333 Munich **GERMANY** 3. Nature of conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Date(s): July 25, 2011 Application number(s) or patent number(s): 4. ☐ This document is being filed together with a new application. This document is being filed after filing of the application: Patent Application No(s). To be assigned, filed Concurrently; or Patent No(s). To be assigned, issued To be assigned. (b) Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 2454.1235 STAAS & HALSEY LLP Attention: Mark J. Henry 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 Total number of applications and patents involved: __1 6. Total fee (37 CFR 3.41).....(\$ 40.00 per Patent or Application in Assignment) 7. Enclosed Authorized to be charged to credit card. Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit 8. Account) (Attach duplicate copy of this page if paying by deposit account) Mark J. Henry, Reg. No. 36,162 Name of Person Signing Total number of pages including cover sheet: 3 DO NOT USE THIS SPACE 08/05/2011 JADDO2 00000019 13138345 40.00 OP 04 FC:8021

> PATENT REEL: 026740 FRAME: 0594

ASSIGNMENT

13/138345

For good and valuable consideration, I/we, the undersigned

Dr.Heike BARLAG

residing at:

Pilotystr. 17 90408 Nürnberg, GERMANY

Citizenship: DE

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation

organized and existing under the laws of

GERMANY

having its (their) principal place of business

in München; GERMANY

hereinafter the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filling date, in all and to any improvements which are disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filling date, said application being identified in our records as

Applicants File No.

2009P01893WOUS

and filed as PCT-application

PCT/EP2010/050842

and entitled

(Title:)

ARRANGEMENT AND METHOD FOR ELECTROCHEMICALLY MEASURING BIOCHEMICAL REACTIONS AND METHOD FOR PRODUCING THE ARRANGEMENT

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 any of the Contracting States bound by the PCT on the international filing date on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and any of the Contracting States bound by the PCT on the international filing date on said improvements;

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any

DNR: 4248 / 06.06.2007

PATENT REEL: 026740 FRAME: 0595 and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), 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(s), its (their) successor(s), 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(s), its (their) successor(s), assigns, and legal representatives; and hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 25.07.11

Dr. Heike BARLAG

Witnesses: _____

Witnesses:

(printed name: Christian Buyer

(printed name: Koastantis Engelbrecht