

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | NEW ASSIGNMENT  |               |   |                     |                  |                     |            |                |         |              |       |
|--|---|---------------|---|---------------------|------------------|---------------------|------------|----------------|---------|--------------|-------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT  |               |   |                     |                  |                     |            |                |         |              |       |
| CONVEYING PARTY DATA   |   |               |   |                     |                  |                     |            |                |         |              |       |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dr. Helmut ROEHLE</td> <td>07/16/2012</td> </tr> <tr> <td>Dr. Bernd SARTORIUS</td> <td>07/13/2012</td> </tr> </tbody> </table>   |   | Name          | Execution Date  | Dr. Helmut ROEHLE   | 07/16/2012       | Dr. Bernd SARTORIUS | 07/13/2012 |                |         |              |       |
| Name   | Execution Date  |               |   |                     |                  |                     |            |                |         |              |       |
| Dr. Helmut ROEHLE  | 07/16/2012  |               |   |                     |                  |                     |            |                |         |              |       |
| Dr. Bernd SARTORIUS  | 07/13/2012  |               |   |                     |                  |                     |            |                |         |              |       |
| RECEIVING PARTY DATA   |   |               |   |                     |                  |                     |            |                |         |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.</td> </tr> <tr> <td>Street Address:</td> <td>Hansastrasse 27c</td> </tr> <tr> <td>City:</td> <td>Muenchen</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>80686</td> </tr> </table>                   |   | Name:         | Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. | Street Address:     | Hansastrasse 27c | City:               | Muenchen   | State/Country: | GERMANY | Postal Code: | 80686 |
| Name:  | Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. |               |   |                     |                  |                     |            |                |         |              |       |
| Street Address:  | Hansastrasse 27c  |               |   |                     |                  |                     |            |                |         |              |       |
| City:  | Muenchen  |               |   |                     |                  |                     |            |                |         |              |       |
| State/Country:   | GERMANY   |               |   |                     |                  |                     |            |                |         |              |       |
| Postal Code:   | 80686   |               |   |                     |                  |                     |            |                |         |              |       |
| PROPERTY NUMBERS Total: 1  |   |               |   |                     |                  |                     |            |                |         |              |       |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13538554</td> </tr> </tbody> </table>  |   | Property Type | Number  | Application Number: | 13538554         |                     |            |                |         |              |       |
| Property Type  | Number  |               |   |                     |                  |                     |            |                |         |              |       |
| Application Number:  | 13538554  |               |   |                     |                  |                     |            |                |         |              |       |
| CORRESPONDENCE DATA  |   |               |   |                     |                  |                     |            |                |         |              |       |
| <p>Fax Number: 4352521361</p> <p>Phone: 4352521360</p> <p>Email: tkellogg@mgiiip.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: R. Burns Israelsen</p> <p>Address Line 1: 1441 W. Ute Blvd., Suite 100</p> <p>Address Line 4: Park City, UTAH 84098</p> |   |               |   |                     |                  |                     |            |                |         |              |       |
| ATTORNEY DOCKET NUMBER:  | M1023.10049US01   |               |   |                     |                  |                     |            |                |         |              |       |
| NAME OF SUBMITTER:   | R. Burns Israelsen  |               |   |                     |                  |                     |            |                |         |              |       |
| <p>Total Attachments: 3</p> <p>source=M1023-10049US01-Assignment#page1.tif</p> <p>source=M1023-10049US01-Assignment#page2.tif</p> <p>source=M1023-10049US01-Assignment#page3.tif</p>   |   |               |   |                     |                  |                     |            |                |         |              |       |

OP \$40.00 13538554

PATENT

WHEN RECORDED RETURN TO:

MASCHOFF GILMORE & ISRAELSEN  
1441 W. Ute Blvd., Suite 100  
Park City, Utah 84098-7633

PATENT APPLICATION  
Docket No: M1023.10049US01

---

A S S I G N M E N T

---

I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled METHOD AND ARRANGEMENT FOR CARRYING OUT TIME-DOMAIN MEASUREMENTS. Preferred embodiments of said invention are disclosed in a United States patent application which:

- ☐ is executed concurrently herewith for filing in the United States Patent and Trademark Office and has been assigned Application Serial No \_\_\_\_\_, with a filing date of \_\_\_\_\_.
- ☒ was previously filed in the United States Patent and Trademark Office on June 29, 2012 as Application Serial No. 13/538,554.
- ☐ is a United States National Application of PCT International Application No. \_\_\_\_\_, filed \_\_\_\_\_.

(The attorneys of Maschoff Gilmore & Israelsen are hereby authorized to insert the serial number and filing date when known.)

The Assignee, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., having a principal place of business at Hansastrasse 27c, Muenchen, Germany, 80686, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States.

The right to claim the benefit of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner for Patents to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

**Inventor 1**

|                             |                                 |                              |
|-----------------------------|---------------------------------|------------------------------|
| Dr. Helmut                  | _____                           | ROEHLE                       |
| <i>(GIVEN NAME)</i>         | <i>(MIDDLE INITIAL OR NAME)</i> | <i>FAMILY (OR LAST NAME)</i> |
| Inventor's signature: _____ | <i>H. Ruck</i>                  | Date <i>July 16</i> , 2012   |

R  
SATORIUS

## Dr. Bernd

(MIDDLE INITIAL OR NAME)

Inventor's signature:

Date July, 13, 2012