



To the Honorable Commissio

102277833

Attached original documents or copy thereof.

1. Name of conveying part(ies):

Eberhard Gamm  
Reiner Retkowski  
Gerald Ulbricht  
Heinz Gerhaeuser

11-6-02

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

2. Name and address of receiving party(ies)

Name: Fraunhofer-Gesellschaft zur Foerderung der  
angewandten Forschung e.V.

Street Address: Leonrodstrasse 54  
D-80636, Muenchen, Germany

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: September 12, 2002

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)

10/221,632

B. Patent No.(s)

Additional numbers attached?  Yes  No

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FINANCIAL SECTION

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

**Daniel J. Santos**  
Thomas, Kayden, Horstemeyer & Risley, L.L.P.  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [ 1 ]

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

- Enclosed
- Authorization to charge credit card (attached)

8. Deposit Account Number:

20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

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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.

**Daniel J. Santos**

Typed Name

*Daniel J. Santos*  
Signature

Oct. 31, 2002  
Date

Docket #: 241907-1070

Total number of pages including cover sheet, attachments, and document: [ 7 ]

Mail documents to be recorded with required cover sheet information to:  
Box Assignments, Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**ASSIGNMENT  
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Eberhard Gamm	Hofmannstraße 75 b, 91052 Erlangen, Germany
Reiner Retkowski	Neue Straße 37, 91054 Erlangen, Germany
Gerald Ulbricht	Tannenstraße 1, 90552 Röthenbach, Germany
Heinz Gerhaeuser	Saugendorf 17, 91344 Waischenfeld, Germany

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**I/Q Modulator with Carrier Predistortion**

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_, and
- further described in is set forth in PCT International Application No. **PCT/EP01/02390**; filed on **3/2/01** and **German Patent Application No. 100 12 539.5** entitled "**I/Q Modulator with Carrier Predistortion**," dated **March 15, 2000**.

*Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.*

WHEREAS, Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V., having a place of business at Leonrodstrasse 54, D-80636 Muenchen, Germany, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

*Eberhard Gamm*

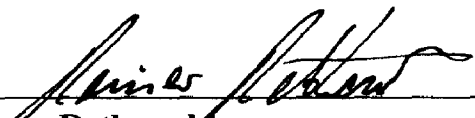
**Eberhard Gamm**

Date: September 12, 2002


*N. R. H. H.*

Witness

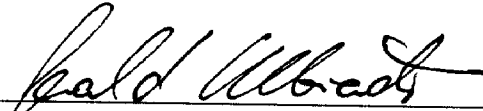
Date: September 12, 2002

  
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**Reiner Retkowski**


Date: September 12, 2002

  
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Witness

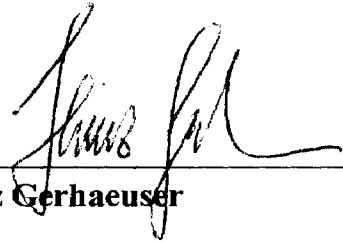
Date: September 12, 2002

  
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**Gerald Ulbricht**

Date: September 12, 2002

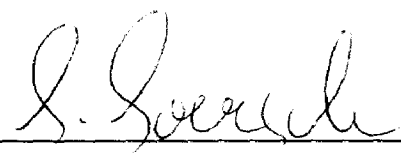
  
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Date: September 12, 2002



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**Heinz Gerhaeuser**

Date: September 12, 2002



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