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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Rainer Perthold; and
Heinz Gerhauser**

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

3. Nature of Conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: 12/21/98

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

Name: Fraunhofer-Gesellschaft Zur Förderung der
Angewandten Forschung, E.V.

Internal Address:

Street Address: Leonrodstrasse 54

Postal Code 80636 City München Country Germany

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

4. Application number(s) or patent number(s): 09/202,673

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [] No

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

Name: Michael A. Glenn

Internal Address:

Street Address: 125 Lake Road

City: Portola Valley State: CA Zip: 94028

6. Total number of applications and patents involved: []

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

[] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit account number: 07-1445

Please debit any underpayment or credit any
overpayment to the above 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.

Michael A. Glenn, Reg. No. 30,176

Name of Person Signing

Signature Date October 12, 1999

Total number of pages comprising cover sheet: [1]

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231**PATENT**
REEL: 010359 FRAME: 0934

ASSIGNMENT

In consideration of the sum of one dollar (\$ 1,00) and other good and valuable considerations paid to the undersigned, the undersigned, PERTHOLD, Rainer; GERHÄUSER, Heinz agree to assign, and hereby does assign, transfer and set over to

FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG
DER ANGEWANDTEN FORSCHUNG E.V.
Located at Leonrodstraße 54, 80636 München, Germany

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Predistortion for a Non-Linear Channel in the High-Frequency Region

for which the undersigned has (have) executed an application for patent in the United States of America on

1) The undersigned agree to execute all papers necessary in connection with the application and any continuing of divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

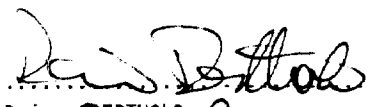
4) The undersigned agree to communicate to the Assignee or representatives thereof any facts known to us respecting the invention and improvements thereof, and will, upon request, but without expense to us, testify in any legal proceedings regarding the invention.

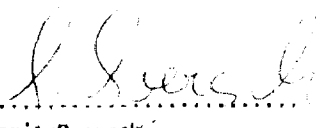
5) The undersigned hereby authorize and request the Commissioner of Patents to issue any and all Letter Patents the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

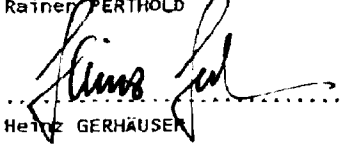
6) The undersigned hereby grant the firm of Michael A. GLENN the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Agreement shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

IN WITNESS WHEREOF, this Assignment was executed by the undersigned on the dates opposite the undersigned names.

Date 12/21/1998. Inventor .....
Rainer PERTHOLD

Witness .....
Birgit Boersch

Date 12/21/1998. Inventor .....
Heinz GERHÄUSER

Witness .....
Birgit Boersch