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Docket No.: 3631

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Pa.

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and original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Dieter Driendl;
- 2) Erwin Kessler;
- 3) Kurt Kleiner;
- 4) Wolfgang Schullter

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

2. Name and address of receiving party(ies)

Name: TEMIC TELEFUNKEN microelectronic GmbH

Internal Address: Theresienstrasse 2

D - 74072 Heilbronn

Federal Republic of Germany

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: August 7, 1998

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: August 7, 1998

A. Patent Application No.(s)

(TO BE ASSIGNED - Docket #3631)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Fasse Patent Attorneys, P.A.

Internal Address: P.O. Box K

St. Albans, ME 04971

Street Address: Indian Pond Lane

St. Albans, ME 04971

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0507

(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.

Walter F. Fasse  
Name of Person Signing

Walter F. Fasse  
Signature

August 19, 1998  
Date

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

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

case: 3631

Encls.: postcard, copy of Assignment

CERTIFICATE OF EXPRESS MAIL SERVICE (NO: EM113841545US)

I hereby certify that this correspondence with enclosures is being deposited with the United States Postal Service "Express Mail Post Office Addressee" service under 37 CFR 1.10 on the date indicated below, addressed to Assistant Commissioner for Patents, Washington, D. C. 20231.

Date: August 19, 1998

Name: Sylvia Murphy PATENT  
FEE: 9398 FRAME:

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09/25/1998 TTU011  
01 F1:501

ASSIGNMENT OF INVENTION, PATENT APPLICATION, AND PATENT

Whereas Assignors: 1) Dieter Driendl; 2) Erwin Kessler; 3) Kurt Kleiner; 4) Wolfgang Schuller

- of: 1) Am Dürrenbach 12, D - 88693 Deggenhausertal, Federal Republic of Germany;
2) Im Hasenöschle 8, D - 88348 Saulgau, Federal Republic of Germany;
3) Gutenbergstraße 6, D - 88065 Meßkirch, Federal Republic of Germany;
4) Kronenstrasse 7, D - 88709 Meersburg, Federal Republic of Germany

have invented certain new and useful improvements in the Invention entitled:

TUNABLE DIGITAL FILTER ARRANGEMENT

as described and as claimed in the Application for Letters Patent of the United States of America executed by the Assignors on: (the same date as this Assignment unless otherwise set forth), and as filed in the U. S. Patent and Trademark Office on: under U. S. Application Serial No.: , and as identified by Attorney Docket No. 3631;

And Whereas, Assignee: TEMIC TELEFUNKEN microelectronic GmbH

of: Therestenstrasse 2, D - 74072 Heilbronn, Federal Republic of Germany

including its heirs, successors and assigns is desirous of acquiring the entire and exclusive right, title, and interest in said Invention and any and all Letters Patents that may be granted therefor in the United States of America and any and all foreign countries;

Now Therefore, in consideration of ONE Dollar (\$1.00) and other valuable consideration, the receipt of which by said Assignors is acknowledged, said Assignors hereby assign, sell and transfer unto said Assignee the entire and exclusive right, title and interest in and to said Invention, said Application, any and all continuations, divisions, reissues, reexaminations and extensions of said Application, any and all rights of priority pertaining to said Invention or said Application, and said Letters Patents granted therefor, in the United States of America and in all foreign countries and places throughout the world, for the full term or terms of said Letters Patents and for the maximum duration that any interest assigned herein may be maintained, to be held and enjoyed by said Assignee including its heirs, successors, and assigns as fully and entirely as the same would have been held by said Assignors had no Assignment thereof been made. Said Assignors covenant that they have the full right to convey the entire right, title and interest herein assigned, and that they have not made, and will not make any statement, agreement or conveyance in conflict herewith.

Said Assignors further agree to cooperate with said Assignee, execute all truthful papers, and take such actions in connection with said Application and any continuations, divisions, reissues, reexaminations and extensions thereof, in any interference or proceeding in relation thereto, and in any foreign applications corresponding thereto, as requested by said Assignee. Said Assignors hereby authorize said Assignee to control and direct the prosecution of said Application and any and all continuations, divisions, reissues, re-examinations and extensions thereof.

Said Assignors authorize and request that said Letters Patents granted for said Invention should be issued to and in the name of said Assignee.

In Testimony Whereof, We, said Assignors, hereunto set our hands on the dates indicated:

Signature: Dieter Driendl 17.8.98 Date; Witness: Erwin Kessler 7.8.98 Date; Signature: Erwin Kessler 16/ 07.08.98 Date; Witness: Kurt Kleiner 7.8.98 Date; Signature: Kurt Kleiner 7.8.98 Date; Witness: Wolfgang Schuller 7.8.98 Date; Signature: Wolfgang Schuller 7.8.98 Date; Witness: Wolfgang Schuller 7.8.98 Date

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