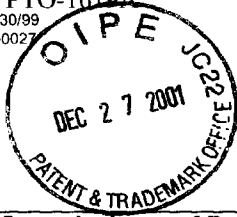


FORM PTO-1610A  
Expires 06/30/99  
OMB 0651-0027



01-03-2002



101933140

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- ☒ New 12/27/01  
☐ Resubmission (Non-Recordation)  
Document ID#   
☐ Correction of PTO Error  
Reel #  Frame #   
☐ Corrective Document  
Reel #  Frame #

**Conveyance Type**

- ☒ Assignment ☐ Security Agreement  
☐ License ☐ Change of Name  
☐ Merger ☐ Other   
**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)  
☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

- ☐ Mark if additional names of conveying parties attached  
Execution Date  
Month Day Year  
10092001

Name (line 1) Philippe Steiert

Name (line 2)

**Second Party**

Name (line 1) Gerhard Stauffert

Execution Date  
Month Day Year  
10092001

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) ELMICRON AG

Name (line 2)

Address (line 1) Brunigstrasse 222

Address (line 2)

Address (line 3) Sachseln

Switzerland

6072

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

01/02/2002 LMUELLER 00000045 09936962

FOR OFFICE USE ONLY

01 FC:581

40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

**PATENT**  
**REEL: 012405 FRAME: 0328**

**Correspondent Name and Address**

Area Code and Telephone Number

(216) 566-9700

Name David E. Spaw

Address (line 1) Rankin, Hill, Porter & Clark LLP

Address (line 2) 700 Huntington Building

Address (line 3) 925 Euclid Avenue

Address (line 4) Cleveland, Ohio 44115-1405

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/936,962

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:  
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 18-0160

Authorization to charge additional fees:

Yes ☒ No ☐

**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. Charges to deposit account are authorized, as indicated herein.

David E. Spaw

Name of Person Signing



Signature

November 15, 2001

Date

**ASSIGNMENT**

WHEREAS, new and useful improvements have been made by the undersigned in

**MULTI-CHIP MODULE**

that are the subject of an application for a U.S. Patent, (Application Number 09/936,962  
      , filed September 18, 2001 ), which application is further identified as Rankin, Hill,  
Porter & Clark LLP Docket No. FRR-12671.

WHEREAS, ELMICRON AG, a corporation of Switzerland, and having a place of  
business at Brünigstrasse 222, 6072 Sachseln, Switzerland, hereinafter referred to as "assignee",  
is desirous of acquiring all right, title, and interest throughout the world in, to, and under said  
improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States  
and throughout the world, in, to and under said improvements and inventions and all patents,  
patent applications, patent rights, and inventor's certificates thereof, therefor, and therein,  
including without limitation said application for patent in the United States, all divisions and  
continuations thereof, all patents which may be granted thereon, all reissues and extensions  
thereof, all right to sue for past infringement thereunder, all patents which may be granted for said  
improvements and inventions by states or nations other than the United States, or by other  
authority, entity, or organization, and all applications therefor, have been and are hereby sold,  
assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted  
and agreed by the undersigned, and for executors, administrators, and legal representatives of the  
undersigned, that at assignee's request any and all applications, affidavits, assignments, and other  
instruments will be made, executed, and delivered as may be necessary, or desirable to secure for  
or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest,  
application, patent, patent right or other right or property covered by this assignment, and the  
United States Commissioner of Patents and Trademarks is hereby requested and authorized to  
issue any and all United States patents granted on any of said applications to assignee as owner  
of the entire right, title, and interest in, to, and under the same, and appropriately empowered  
officials of foreign countries are hereby authorized to issue any letters patent granted on any of  
said applications to assignee as owner of the entire right, title and interest in, to, and under the  
same.

The undersigned hereby grants the firm of Rankin, Hill, Porter & Clark LLP 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 and Trademark Office for recordation  
of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (joint): Philippe Steiert  
Signature: X [Signature]  
Today's Date : X 9.10.01  
Witness: X [Signature]  
Witness: X [Signature]

(2) Inventor Name (joint): Gerhard Stauffert  
Signature: X [Signature]  
Today's Date : X 9.10.2001  
Witness: X [Signature]  
Witness: X [Signature]