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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): Ulrich Egger (05/28/2003), Haoren Zhuang (05/28/2003), Yoshinori Kumura (05/28/2003), Kazuhiro Tomioka (05/30/2003), and Hiroyuki Kanaya (05/28/2003) Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: Infineon Technologies AG Internal Address: Street Address: St. Martin Str. 53 City: Munich Country: Germany Zip: 81669 Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: see Box 1, conveying parties

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): 10/356,314 B. Patent No.(s): Additional numbers attached? Yes No

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5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gregory S. Gewirtz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Street Address: 600 South Avenue West City: Westfield State: NJ Zip: 07090

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 [] Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: 12-1095 (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. Gregory S. Gewirtz Name of Person Signing August 20, 2003 Date Signature Total number of pages including cover sheet, attachments, and documents: 4

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**RECORDATION FORM COVER SHEET
(continued)**

Additional Conveying Party(ies) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: Kabushiki Kaisha Toshiba
 Internal Address: _____
 Street Address: 1-1, Shibaura 1-chome
Minato-Ku
 City: Tokyo Country: Japan Zip Code: 105-8001

Assignee Name: _____
 Internal Address: _____
 Street Address: _____
 City: _____ State: _____ Zip Code: _____

Assignee Name: _____
 Internal Address: _____
 Street Address: _____
 City: _____ State: _____ Zip Code: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached? Yes No



ASSIGNMENT

For valuable consideration, we, ULRICH EGGER of Kanagawa-ken, Japan,
HAOREN ZHUANG of Tokyo-to, Japan, YOSHINORU KUMURA of Tokyo, Japan,
KAZUHIRO TOMIOKA of Tokyo, Japan, and HIROYUKI KANAYA of Tokyo, Japan,
hereby assign to:

1) Infineon Technologies AG, a corporation of Germany having a place of business at:
St.-Martin-Strasse 53, 81669 Munich, Germany; and

2) Kabushiki Kaisha Toshiba, a corporation of Japan having a place of business at: 1-1,
Shibaura 1-chome, Minato-ku, Tokyo, Japan;

and their successors and assigns (collectively hereinafter called "the Assignee") the entire right,
title and interest throughout the world in the inventions and improvements which are subject of
an application for United States Patent signed by us, entitled HARDMASK WITH HIGH
SELECTIVITY FOR IR BARRIERS FOR FERROELECTRIC CAPACITOR
MANUFACTURING, filed January 31, 2003 with attorney docket number 14580-013001 and
assigned U.S. Serial Number 10/356,314; and we authorize and
request the attorneys appointed in said application to hereafter complete this assignment by
inserting above the filing date and serial number of said application when known; this
assignment including said application, any and all United States and foreign patents, utility
models, and design registrations granted for any of said inventions or improvements, and the
right to claim priority based on the filing date of said application under the International
Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the
European Patent Convention, and all other treaties of like purposes; and we authorize the
Assignee to apply in all countries in our name or in its own name for patents, utility models,
design registrations and like rights of exclusion and for inventors' certificates for said inventions

and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: May 28, 2003Ulrich Egger
ULRICH EGGERDATE: May 28, 2003Haoren Zhuang
HAOREN ZHUANGDATE: May 28, 2003Yoshinori Kumura
YOSHINORU KUMURADATE: May 30, 2003Kazuhiro Tomioka
KAZUHIRO TOMIOKADATE: May 28, 2003Hiroyuki Kanaya
HIROYUKI KANAYA