

10-15-2001
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Form PTO-159 (Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)
Tab settings

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):
Cem Basceri
Gurtej S. Sandhu
Sam Yang

10.9.01

2. Name and address of receiving party(ies)
Name: Micron Technology, Inc.

Internal Address: _____

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 8000 S. Federal Way

City: Boise State: Idaho Zip: 83706

Execution Date: June 20, 2001 and June 26, 2001

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

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)
09/903,160

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Killworth, Gottman, Hagan & Schaeff, LLP

Internal Address: _____

Street Address: One Dayton Centre

One South Main Street, Suite 500

City: Dayton State: OH Zip: 45402

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: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Name of Person Signing
Timothy W. Hagan
Signature
October 4, 2001
Date

Total number of pages including cover sheet, attachments, and documents: 7

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

10/12/2001 LNUELLER 00000125 09903160

01 FC:581

40.00 TP

PATENT
REEL: 12234 FRAME: 0663

ASSIGNMENT

WHEREAS, we, **CEM BASCERI**, of Boise, Idaho, **GURTEJ S. SANDHU**, of Boise, Idaho, and **SAM YANG**, of Boise, Idaho, invented certain new and useful **CAPACITOR WITH HIGH DIELECTRIC CONSTANT MATERIALS AND METHOD OF MAKING** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on July 11, 2001, under

☒ Patent Application Serial No. 09/903,160

☒ Attorney Docket No. MIO 0062 PA;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, Micron Technology, Inc., a corporation of the State of Delaware, with a place of business at 8000 S. Federal Way, Boise, Idaho 83706-9632, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 26 day of June, 2001.

Sam Yang
SAM YANG

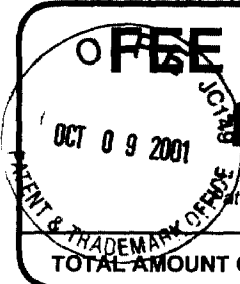
State of New York)
County of Dutchess) ss

On this 26 day of June, 2001 before me a Notary Public in and for the above County and State, personally appeared the above named **SAM YANG** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Kerry P Straley
Notary Public

KERRY P STRALEY
Notary Public - State of New York
NO. 015T4948080
Qualified in Dutchess County
My Commission Expires 3/6/03

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FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 40.00

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | 09/903,160 |
| Filing Date | July 11, 2001 |
| First Named Inventor | Cem Basceri |
| Examiner Name | |
| Group Art Unit | 2811 |
| Attorney Docket No. | MIO 0062 PA (98-1296) |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number
- Deposit Account Name
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status. See 37 CFR 1.27

2. **Payment Enclosed:**
- Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------------------|
| 101 740 | 201 370 | Utility filing fee | <input type="text"/> |
| 106 330 | 206 165 | Design filing fee | <input type="text"/> |
| 107 510 | 207 255 | Plant filing fee | <input type="text"/> |
| 108 740 | 208 370 | Reissue filing fee | <input type="text"/> |
| 114 160 | 214 80 | Provisional filing fee | <input type="text"/> |
| SUBTOTAL (1) | | | (\$) -0- |

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--|------------------------------|------------------------|------------------------|
| Independent Claims <input type="text"/> | -20** = <input type="text"/> | X <input type="text"/> | = <input type="text"/> |
| Multiple Dependent Claims <input type="text"/> | -3** = <input type="text"/> | X <input type="text"/> | = <input type="text"/> |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|----------------------|
| 103 18 | 203 9 | Claims in excess of 20 | <input type="text"/> |
| 102 84 | 202 42 | Independent claims in excess of 3 | <input type="text"/> |
| 104 280 | 204 140 | Multiple dependent claim, if not paid | <input type="text"/> |
| 109 84 | 209 42 | ** Reissue independent claims over original patent | <input type="text"/> |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent | <input type="text"/> |
| SUBTOTAL (2) | | | (\$) -0- |

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|---------------------------|-----------------------|-----------------------|-----------------------|--|----------------------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | <input type="text"/> |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | <input type="text"/> |
| 139 | 130 | 139 | 130 | Non-English specification | <input type="text"/> |
| 147 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | <input type="text"/> |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | <input type="text"/> |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | <input type="text"/> |
| 115 | 110 | 215 | 55 | Extension for reply within first month | <input type="text"/> |
| 116 | 400 | 216 | 200 | Extension for reply within second month | <input type="text"/> |
| 117 | 920 | 217 | 460 | Extension for reply within third month | <input type="text"/> |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | <input type="text"/> |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | <input type="text"/> |
| 119 | 320 | 219 | 160 | Notice of Appeal | <input type="text"/> |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | <input type="text"/> |
| 121 | 280 | 221 | 140 | Request for oral hearing | <input type="text"/> |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | <input type="text"/> |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | <input type="text"/> |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | <input type="text"/> |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | <input type="text"/> |
| 143 | 460 | 243 | 230 | Design issue fee | <input type="text"/> |
| 144 | 620 | 244 | 310 | Plant issue fee | <input type="text"/> |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | <input type="text"/> |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | <input type="text"/> |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | <input type="text"/> |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | <input type="text"/> |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | <input type="text"/> |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | <input type="text"/> |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | <input type="text"/> |
| Other fee (specify) _____ | | | | | <input type="text"/> |
| | | | | SUBTOTAL (3) | (\$) 40.00 |

*Reduced by Basic Filing Fee Paid

| | | | |
|---------------------|------------------|-----------------------------------|-----------------|
| SUBMITTED BY | | Complete (if applicable) | |
| Name (Print/Type) | Timothy W. Hagan | Registration No. (Attorney/Agent) | 29,001 |
| Signature | | Telephone | (937) 223-2050 |
| | | Date | October 4, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

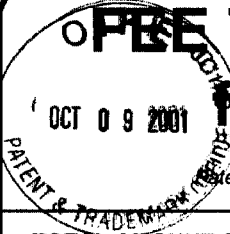
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
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FREE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **40.00**

| Complete if Known | |
|----------------------|-----------------------|
| Application Number | 09/903,160 |
| Filing Date | July 11, 2001 |
| First Named Inventor | Cem Basceri |
| Examiner Name | |
| Group Art Unit | 2811 |
| Attorney Docket No. | MIO 0062 PA (98-1296) |

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Deposit Account Name:

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. **Payment Enclosed:**

Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|--|-----------------------|-----------------------|-----------------------|--|--------------|
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| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
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| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | | | |
| *Reduced by Basic Filing Fee Paid | | | | | |
| SUBTOTAL (3) (\$) | | | | | 40.00 |

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid | | |
|----------------------------|----------------------------|-----------------|------------|------------------------|--|
| 101 | 740 | 201 | 370 | Utility filing fee | |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | -0- | | |

2. EXTRA CLAIM FEES

Total Claims: -20** = X =

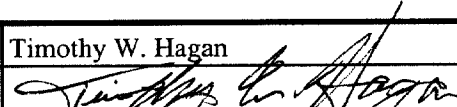
Independent Claims: -3** = X =

Multiple Dependent: =

Large Entity Fee Code (\$) **Small Entity Fee Code (\$)** **Fee Description** **Fee Paid**

| | | | | | |
|--------------------------|-----|-----|-----|--|------------|
| 103 | 18 | 203 | 9 | Claims in excess of 20 | |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 | |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid | |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent | |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) (\$) | | | | | -0- |

**or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY | | Complete (if applicable) | |
|-------------------|---|-----------------------------------|-----------------|
| Name (Print/Type) | Timothy W. Hagan | Registration No. (Attorney/Agent) | 29,001 |
| Signature |  | Telephone | (937) 223-2050 |
| | | Date | October 4, 2001 |

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RECORDED: 10/09/2001

REEL: 12234 FRAME: 0668