

PATENT ASSIGNMENT

Electronic Version v08
 Stylesheet Version v02

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | |
|---|---|------------------|----------------|---------------|-------------|---------------|----------------|--------------------|------------|------------------|-------------|------------------------------|---|-----------------|----------------|--------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT OF ASSIGNOR'S INTEREST | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shiou-Yu Wang</td> <td>1997-12-09</td> </tr> <tr> <td>Jia-Shyong Cheng</td> <td>1997-12-09</td> </tr> <tr> <td>Tean-Sen Jen</td> <td>1997-12-22</td> </tr> <tr> <td>Ming-Teng Hsieh</td> <td>1997-12-23</td> </tr> </tbody> </table> | | | | | | Name | Execution Date | Shiou-Yu Wang | 1997-12-09 | Jia-Shyong Cheng | 1997-12-09 | Tean-Sen Jen | 1997-12-22 | Ming-Teng Hsieh | 1997-12-23 | | |
| Name | Execution Date | | | | | | | | | | | | | | | | |
| Shiou-Yu Wang | 1997-12-09 | | | | | | | | | | | | | | | | |
| Jia-Shyong Cheng | 1997-12-09 | | | | | | | | | | | | | | | | |
| Tean-Sen Jen | 1997-12-22 | | | | | | | | | | | | | | | | |
| Ming-Teng Hsieh | 1997-12-23 | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">Name</th> <th style="width:20%;">Street Address</th> <th style="width:20%;">Internal Address</th> <th style="width:15%;">City</th> <th style="width:15%;">State/Country</th> <th style="width:10%;">Postal Code</th> </tr> </thead> <tbody> <tr> <td>NANYA TECHNOLOGY CORPORATION</td> <td>Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan</td> <td></td> <td>Tao-Yuan Hsien</td> <td>TAIWAN</td> <td></td> </tr> </tbody> </table> | | | | | | Name | Street Address | Internal Address | City | State/Country | Postal Code | NANYA TECHNOLOGY CORPORATION | Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan | | Tao-Yuan Hsien | TAIWAN | |
| Name | Street Address | Internal Address | City | State/Country | Postal Code | | | | | | | | | | | | |
| NANYA TECHNOLOGY CORPORATION | Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan | | Tao-Yuan Hsien | TAIWAN | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:60%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number</td> <td>09551535</td> </tr> </tbody> </table> | | | | | | Property Type | Number | Application Number | 09551535 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | |
| Application Number | 09551535 | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | |
| <p>FAX NUMBER: 8064986673</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.</p> <p>CUSTOMER NUMBER: 027765</p> | | | | | | | | | | | | | | | | | |
| NAME OF PERSON SIGNING: | | | WINSTON HSU | | | | | | | | | | | | | | |
| DATE SIGNED: | | | 2006-10-29 | | | | | | | | | | | | | | |
| <p>Total Attachments: 2</p> <p>source=MSTP0038-0-A3-1ASS2.tif</p> <p>source=MSTP0038-0-A3-1ASS1.tif</p> | | | | | | | | | | | | | | | | | |

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ASSIGNMENT

Page _____

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|---|--|
| Assignor Name Jia-Shyong Cheng | Address 4Fl, No.26, Ln.147, PaoHsin Rd., PaoShan Hsiang, Hsinchu, Taiwan, R.O.C. |
| Where Signed | |
| Date _____ | Signature <i>Jia-Shyong Cheng</i> |
| (Notarization preferred but not required) | |
| ss. | |
| Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____. | |
| _____ Notary Public | |
| My Commission Expires: _____ | |

| | |
|---|---|
| Assignor Name Tean-Sen Jen | Address No.20, Aly.115, MiTo Rd., ChiaYi, Taiwan, R.O.C. |
| Where Signed | |
| Date 12-22-1997 | Signature <i>Tean-Sen Jen</i> |
| (Notarization preferred but not required) | |
| ss. | |
| Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____. | |
| _____ Notary Public | |
| My Commission Expires: _____ | |

| | |
|---|---|
| Assignor Name Ming-Teng Hsieh | Address 4Fl, No.20, Aly.15, Ln.202, Min- Chuan Rd., PanChao City, Taipei, Hsieh, Taiwan, R.O.C. |
| Where Signed | |
| Date 12-23-1997 | Signature <i>Ming-Teng Hsieh</i> |
| (Notarization preferred but not required) | |
| ss. | |
| Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____. | |
| _____ Notary Public | |
| My Commission Expires: _____ | |

RECORDED: 01/14/1998

YALOW AND OTHER

PATENT

REEL: 8964 FRAME: 0250

Continued on Next Page

PATENT

REEL: 018448 FRAME: 0966

30726

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IMPRINTATION

ASSIGNMENT

WHEREAS, I (we), Shiou-Yu Wang; Jia-Shyong Cheng; Tean-Sen Jen; Ming-Teng Hsieh whose post office address(es) appear(s) below hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in **METHOD OF FABRICATING CUP-SHAPE CYLINDRICAL CAPACITOR OF HIGH DENSITY DRAMS**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on:
- filed on: Serial No.:
- established by PCT International Patent Application No.: filed: designating the United States of America

*Written
Reg. No. 4526
10/18/2006*

WHEREAS, NANYA TECHNOLOGY CORPORATION
336, Sec. 1, Nankang Rd., Neihu, Taoyuan, Taiwan, R.O.C.
whose post office address is *Hua-Ya Technology Park 669, Fuhshing 3 Rd, Kuetsshan, Tao-Yuan Hsien, Taiwan, R.O.C.*
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

| | |
|---|---|
| Assignor Name Shiou-Yu Wang | Address No. 3, Ln. 19, KunMing St., Taipei Taiwan, R.O.C. |
| Where Signed | |
| Date 10/29/06 | Signature <i>Shiou Yu Wang</i> |
| ss. _____ (Notarization preferred but not required) | |
| Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____ | |
| _____ Notary Public My Commission Expires _____ | |

PATENT
REEL: 8964 FRAME: 0249