



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
JAN 14 1998
GROUP 2500

Application of: Ting P. Yen
Serial No.: 08/900,047
Title: METAL PLUG LOCAL INTERCONNECT
Filed: July 24, 1997
Attorney Docket No.: 0325.00124
Examiner: V. Wallace
Art Unit: 2503
In Response To: Office Action mailed October 3, 1997

#17/Respon.
1/15/98
VV

RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed October 3, 1997,
please consider the following remarks regarding the above-captioned
patent application.

REMARKS

The presently claimed invention concerns a semiconductor
structure comprising a silicon substrate having a top surface, a
diffusion region formed in said substrate adjacent to said top

surface, a polysilicon gate formed on the top surface of the substrate juxtaposed to but not contacting said diffusion region, a sidewall spacer adjacent to the polysilicon gate and disposed above the diffusion region, an insulator layer substantially covering the polysilicon gate and the diffusion region, and a conducting plug at least partially filling a via in said insulation layer that exposes the sidewall spacer in the absence of the conducting plug. The conducting plug provides direct electrical communication between the polysilicon gate and the diffusion region.

Rejection Under 35 U.S.C. § 102(e)

The rejection of claims 3-6, 9-14 and 16-17 under 35 U.S.C. § 102(e) as being anticipated by Sugiyama U.S. Patent No. 5,600,170 is respectfully traversed.

As evidenced by the attached Declaration (the executed version of which will be filed at the earliest opportunity) the present invention was conceived prior to the filing date of Sugiyama. Therefore, this ground of rejection is unsustainable, and should be withdrawn.

REJECTIONS UNDER 35 U.S.C. 103

The rejection of Claims 2, 8 and 15 under 35 U.S.C. § 103(a) as being unpatentable over Sugiyama et al. in view of Jones, Jr. (U.S. Patent No. 5,313,089) has been obviated in view of the attached Declaration under 37 C.F.R. 1.131 and should be withdrawn.

Jones alone does not render the presently pending claims 2, 8 and 15 obvious. Jones discloses a capacitor and memory cell formed therefrom. Nothing disclosed by Jones describes or suggests the via recited in the present claims. Therefore this ground of rejection should be withdrawn.

Accordingly, the present application is in condition for allowance. Early and favorable action by the Examiner is respectfully solicited.

Received: 1/ 5/98 4:08PM;

-> BLISS McGLYNN, P.C.; Page 10

Sent by: BLISS McGLYNN, P.C.

248 849 8299;

01/05/98 .55PM; **JetFax** #18 Page 8/10

The Examiner is respectfully invited to call the Applicant's representative should it be deemed beneficial to further advance prosecution of the application.

If any additional fees are due, please charge our Deposit Account No. 02-2712.

Respectfully submitted,

BLISS McGLYNN, P.C.



Andrew D. Fortney, Ph.D.,
Esq.
Reg. No. 34,600

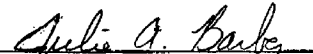
for Luis Miguel Acosta
Registration No. 32,187
2075 West Big Beaver Road, Suite 600
Troy, MI 48084-3443
(248) 649-6090

Dated: January 5, 1998

Docket No.: 0325.00124

I hereby certify that this letter, the response or amendment attached hereto are being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on January 5, 1998.

By:


Julie A. Barber

Received: 1/5/98 4:08PM;

-> BLISS McGLYNN, P.C.; Page 11

Sent by: BLISS McGLYNN, P.C.

248 649 6299;

01/05/98 5PM; Jettfax #18 Page 7/10

GAU 2503



IN RE APPLICATION OF: Ting P. Yen
 SERIAL NUMBER: 08/900,047
 FILED: July 24, 1997
 FOR: METAL PLUG LOCAL INTERCONNECT
 ART UNIT: 2503
 EXAMINER: Wallace, V.

Attorney Docket: 0325.00124

RESPONSE TRANSMITTAL AND EXTENSION OF TIME REQUEST

(IF REQUIRED)

RECEIVED
JAN 14 1998
GROUP 2500

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Enclosed please find an amendment, Affidavit Under 37 C.F.R. 1.131 and a postcard along with the fee calculation below:
FEE CALCULATION FOR ENCLOSED AND EXTENSION REQUEST (IF ANY)

	Claims Remaining	Highest No. Previous	Extra Rate	Additional Fee
Total Claims	10 minus	20 =	0 x \$ 22.00	\$ 0.00
Independent Claims	2 minus	=	0 x \$ 80.00	\$ 0.00
Multiple Dependent Claim First Added			+ \$260.00	\$ 0.00

TOTAL IF NOT SMALL ENTITY \$ 0.00

- [] SMALL ENTITY STATUS - If applicable, divide by 2 \$ 0.00
 - [] Verified statement enclosed, if not previously filed.
 - [] Applicant also requests a _____ month extension of time for response to the outstanding Office Action. The fee is \$ 0.00
 - [] Fee set forth in 37 C.F.R. 1.17 (p) for Information Disclosure under 37 C.F.R. 1.97 (c). \$ 0.00
- TOTAL FEE \$ 0.00

The Commissioner is hereby authorized to charge any overpayment or underpayment of the above fee associated with this Communication to Deposit Account No. 02-2712. A duplicate copy of this sheet is attached.

BLISS McGLYNN, P.C.

2075 W. Big Beaver, Suite 600
Troy, MI 48064-3443
(248) 649-6090

By: Andrew D. Fortney, Ph.D., Esq.
 Reg. No. 34,600
 for Luis Miguel Acosta
 Reg No.: 32,187

I hereby certify that this letter, the response or amendment attached hereto are being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on January 5, 1998.

By: Julie A. Barber
 Julie A. Barber

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.