

02-09-2005

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

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

RE



102936545

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

RE 2-1-05

1. Name of conveying party(ies)/Execution Date(s):

Douglas Sudjian and  
David H. Shen

Execution Date(s) July 13th, 2004

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

2. Name and address of receiving party(ies)

Name: IRF Semiconductor, Inc.

Internal Address:

Street Address: 6 Results Way

FEB 1 2005

City: Cupertino

State: California

Country: USA

Zip: 95014

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/890.033

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Douglas Sudjian, IRF Semiconductor USA

Internal Address:

Street Address: 6 Results Way

City: Cupertino

State: California

Zip: 95014

Phone Number: 408-777-8090

Fax Number: 408-777-8091

Email Address: annshen@irfsemi.com

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$ \$40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

9. Signature:

*Douglas Sudjian*  
Signature

FEB 1, 2005  
Date

Douglas Sudjian

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

02/08/2005 JIALPH2 00000005 10890033

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2763 U.S. PTO

07-22-2004



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PTO/SB/05 (08-03) Approved for use through 07/31/2006. OMB 0651-0032 Trademark Office, U.S. DEPARTMENT OF COMMERCE information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act

7-13-04 UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Table with 2 columns: Field Name, Value. Fields include Attorney Docket No., First Inventor, Title, Express Mail Label No.

10/890033



APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450

- 1. Fee Transmittal Form (e.g., PTO/SB/17)
2. Applicant claims small entity status.
3. Specification [Total Pages 15]
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Sheets 2]
6. Application Data Sheet. See 37 CFR 1.76

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- 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
15. Certified Copy of Priority Document(s)
16. Nonpublication Request under 35 U.S.C. 122
17. Other:

ACCOMPANYING APPLICATION PARTS

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

- Continuation, Divisional, Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner, Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

19. CORRESPONDENCE ADDRESS

Customer Number: OR Correspondence address below

Table with fields: Name, Address, City, Country, State, Code, Zip, Telephone, Fax.

Table with fields: Name (Print/Type), Signature, Registration No. (Attorney/Agent), Date.

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

The PTO did not receive the following listed item(s) \$40.00 Cover Sheet of Assignment PATENT

# ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, Douglas Sudjian of 3340 Allen Court, Santa Clara, CALIFORNIA, U.S.A., hereafter referred to as applicant, have invented certain new and useful improvements in A Symmetric Charge Pump

for which an application for a United States Patent was filed on \_\_\_\_\_  
Application Number \_\_\_\_\_.

for which an application for a United States Patent was executed on 07/13/2004, and

Whereas, IRF SEMICONDUCTOR, INC. of ISLAND of GRAND CAYMAN, CAYMAN ISLANDS here referred to "assignee" whose mailing address is 6 RESULTS WAY, CUPERTINO, CALIFORNIA 95014, U.S.A is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ZERO dollars (\$ 0.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 13th day of July, 2004.

at 6 Results Way, Cupertino, CA 95014

Douglas Sudjian  
Signature

State of California

SS:

DOUGLAS SUDJIAN  
Printed Name/Registration No., if applicable

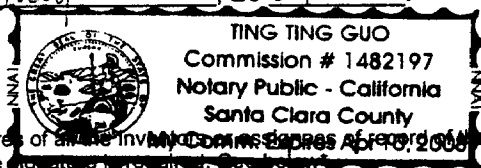
County of Santa Clara

Before me personally appeared said Douglas Sudjian

and acknowledged the foregoing instrument to be his free act and deed this 13th

day of July, 2004.

Seal



Ting Ting Guo

Note: Signatures of all the inventors or their representative(s) are required. Submit multiple forms if more than one inventor is required.

Total of 2 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, David H. Shen of 20661 5th Street #4, Saratoga, CALIFORNIA, U.S.A. , hereafter referred to as applicant, have invented certain new and useful improvements in A Symmetric Charge Pump

[ ] for which an application for a United States Patent was filed on \_\_\_\_\_ Application Number \_\_\_\_\_.

[x] for which an application for a United States Patent was executed on 07/13/2004, and

Whereas, IRF SEMICONDUCTOR, INC. of ISLAND of GRAND CAYMAN, CAYMAN ISLANDS here referred to "assignee" whose mailing address is 6 RESULTS WAY, CUPERTINO, CALIFORNIA 95014, U.S.A is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ZERO dollars (\$ 0.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 13th day of July, 2004 at 6 Results Way, Cupertino, CA 95014

David H. Shen Signature

State of California )

SS:

David H. Shen Printed Name/Registration No., if applicable

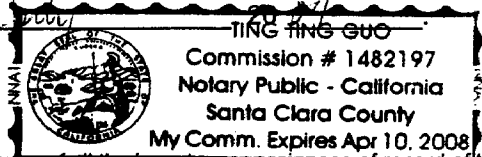
County of Santa Clara )

Before me personally appeared said David H. Shen

and acknowledged the foregoing instrument to be his free act and deed this 13th

day of July

Seal



Ting Ting Guo

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below\*.

[x] Total of 2 forms are submitted.

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