02-22-2000

NEY DOCKET NO: M-7176 US

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks. Please	record the attached prininal documents or copy thereof
Name of conveying party(ies):	Name and address of receiving party(ies):
(a) Jacek Korec	Name: Siliconix incorporated
(b) Mohamed N. Darwish	Street Address: 2201 Laurelwood Road
(c) Dorman C. Pitzer	City: <u>Santa Clara</u> State: <u>California</u> Zip: <u>95054</u>
Additional name(s) of conveying party(ies) attached?	Country: Santa Clara
☐ Yes No	
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
	Street Address:
Security Agreement Change of Name	
Other	City: State: Zip:
	Country:
Execution Date: <u>a) 1/4/00; b)1/12/00; c)1/4/00</u>	
 Application number(s) or patent number(s): If this document is being filed together with a new application, to 	the execution date of the application is:
A. Patent Application No.(s) - 09/428,299	B. Patent No.(s)
Title: High Density Trench-Gated Power MOSFET	b. Tatent No.(3)
Additional number	s attached?
 Name and address of party to whom correspondence concerning document should be mailed: 	Total number of applications and patents involved:
Name: David E. Steuber	
Internal Address: SKJERVEN, MORRILL, MacPHERSON,	
FRANKLIN & FRIEL LLP	7. Total fee (37 CFR 3.41):
Street Address: 25 METRO DRIVE, SUITE 700	Authorized to be charged to Deposit Account 19-2386
City SAN JOSE State CA ZIP 95110	Charge Deposit Account 19-2386 for any additional fees
	required for this conveyance and credit deposit account 19-2386 any amounts overpaid
DO NOT	USE THIS SPACE
Statement and signature. To the best of my knowledge and belief, the foregoing information.	n is true and correct and any attached consists that
of the original document.	in strue and correct and any attached copy is a true copy
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David E. Steuber 25,557 Name of Person Signing	Signature Date
5 5	Total number of pages comprising cover sheet: 5
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FC:581 40.00 CH	

PATENT REEL: 010553 FRAME: 0248

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Jacek Korec	of	San Jose, California
Mohamed N. Darwish	of	Campbell, California
Dorman C. Pitzer	of	San Jose, California

hereby sell, assign and transfer to Siliconix incorporated, a Delaware corporation, having a place of business at 2201 Laurelwood Road, Santa Clara, CA 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in

High Density Trench-Gated Power MOSFET

for which we filed a United States Patent Application on October 27, 1999, and now has Serial No. 09/428,299, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 4th day of TANU	<i>300</i> ARV , 19 .
7	Jacel Korec
	Jacok Korec
of CALIFORNIA)	

State

County of SANTA CLARA

On 04 JANUARY 2000 before me, FATRIC appeared JACEK KOREC personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their-signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,

executed the instrument.

PATRICIA E. CARTER Comm. No. 1089577 ARY PUBLIC - CALIFOL SANTA CLARA COUNTY ly Commission Expires March 6, 2000

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WITNESS my hand and official seal.

- 1 -

Executed this day of	
	Mohamed N. Darwish
State of	
County of) SS.)
On	before me,personallypersonally known to me or proved to me on
the basis of satisfactory evidence to and acknowledged to me that he/she	personally known to me or proved to me on be the person(s) whose name(s) is(are) subscribed to the within instrument e/they executed the same in his/her/their authorized capacity(ies), and that by rument the person(s), or the entity upon behalf of which the person(s) acted,
	WITNESS my hand and official seal.
	SIGNATURE OF NOTARY
Executed this 4 rd day of	JANUARY 2000 Othran C. Pitzer Dorman C. Pitzer
State of OALIFORNIA	Dorman C. Pitzer
the basis of satisfactory evidence to and acknowledged to me that he/she his/her/their signature(s) on the instrument.	before me, LATRILIA E. CARTER, NOTARY BIBLIC personally personally known to me or proved to me on be the person(s) whose name(s) is(are) subscribed to the within instrument they executed the same in his/her/their authorized capacity(ies), and that by rument the person(s), or the entity upon behalf of which the person(s) acted,
PATRICIA E. CARTER Comm. No. 1089577 NOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY My Commission Expires March 6, 2000	WITNESS my hand and official seal. **Tatricia & Carter SIGNATURE OF NOTARY

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PATENT 'REEL: 010553 FRAME: 0250

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Jacek Korec	of	San Jose, California
Mohamed N. Darwish	of	Campbell, California
Dorman C. Pitzer	of	San Jose, California
hereby sell, assign and transfer to Siliconix incor 2201 Laurelwood Road, Santa Clara, CA 95054, throughout the world in our invention in		
High Density T	rench-Gated Po	ower MOSFET
for which we filed a United States Patent Applica and all patent applications and patents of every continuations and extensions thereof, and all right authorize the above-named assignee to apply for rights of priority without further authorization fresaid United States and foreign applications, and successors, assigns and nominees, at their requestinvention in all countries; and we request the Congranted for said invention to the above-named as Executed this day of	ountry for said hats of priority re- patents of fore om us; we agre- generally to do at and expense, mmissioner of lasignee, its succ	esulting from the filing of said applications; we ign countries for said invention, and to claim all to execute all papers useful in connection with everything possible to aid said assignee, their in obtaining and enforcing patents for said Patents and Trademarks to issue all patents essors and assigns.
	Jacek Kor	ес
State of) ss. County of) On before me		personally
appeared the basis of satisfactory evidence to be the person and acknowledged to me that he/she/they execute his/her/their signature(s) on the instrument the person executed the instrument.	n(s) whose named the same in l	_ personally known to me or proved to me on le(s) is(are) subscribed to the within instrument his/her/their authorized capacity(ies), and that by
	WITNESS	S my hand and official seal.

SIGNATURE OF NOTARY

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PATENT | REEL: 010553 FRAME: 0251

$\stackrel{\checkmark}{\sim}$ Executed this 12 day of $\boxed{}$	anuary ,192000
	+ Mdramd n. Darn's L
	Mohamed N. Darwish
State of <u>California</u>) County of <u>Santa Clara</u>) ss.	
On Jan. 12, 200 before nappeared Mohamad Darwi	ne, Christian Corington personally sh personally known to me or proved to me on
the basis of satisfactory evidence to be the pers	son(s) whose name(s) is(are) subscribed to the within instrument outed the same in his/her/their authorized capacity(ies), and that by
	person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.	
	WITNESS my hand and official seal
CHRISTINA COVINGTON COMM. # 1165889 UNDER NOTARY PUBLIC-CALIFORNIA	SIGNATURE OF NOTARY
SANTA CLARA COUNTY () COMM. EXP. DEC. 15, 2001	
Executed this 12th day of Janu	1 200, O
	Dorman C. Pitzer
State of)	
County of)	
On before n	personally personally known to me or proved to me on son(s) whose name(s) is(are) subscribed to the within instrument
appeared the basis of satisfactory evidence to be the per-	personally known to me or proved to me on son(s) whose name(s) is(are) subscribed to the within instrument
and acknowledged to me that he/she/they exec his/her/their signature(s) on the instrument the	buted the same in his/her/their authorized capacity(ies), and that by person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.	
	WITNESS my hand and official seal.
	SIGNATURE OF NOTARY

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RECORDED: 01/24/2000

PATENT | REEL: 010553 FRAME: 0252