3-50	)	
------	---	--

0

07-02-2001

1 :==	DEPARTMENT OF COMMERCE Patent and Trademark Office  01765861
To the Honorable Commissioner of Patents and Travellaiks. P	lease record the attached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Ajit V. Sathe, Michael J. Witherspoon, Ravi S. Prasher, Kristopher J. Frutschy	Name: Intel Corporation
Additional name(s) of conveying party(ies) attached? ■ No □Yes	Internal Address:
3. Nature of Conveyance	Street Address:
☐ Assignment ☐ Merger	2200 Mission College Boulevard
Security Agreement Change of Name	City: Santa Clara State/Provence: CA Zip: 95052 .
Other: Corrective Document/Reel 011596 Frame 0066	Country: <u>U.S.A.</u>
Execution Date(s): February 22 & 23, 2001	Additional name(s) & address(es) attached?   Yes No
<ol> <li>Application Number(s) or patent number(s): 09/730,6</li> <li>If this document is being filed together with a new application</li> </ol>	021 on, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers a	uttached? ☐ Yes ■ No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$
Internal Address:	☐ Enclosed
Street Address: 12400 Wilshire Boulevard, 7th Floor	Authorized to be charged to deposit account
City: Los Angeles State: California Zip: 90025	8. Deposit Account Number:
	02-2666
	(Attach duplicate copy of this page if paying by deposit account)
DO NOT U	SE THIS SPACE
9. Statement and signature.  To the best of my knowledge and believe, the foregoing is true adocument  (A)  (A)  (B)  (B)  (C)  (C)  (C)  (C)  (C)  (C	and correct and any attached copy is a true copy of the original

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

Total number of pages including cover sheet, attachments, and document: 3

Atty Docket No.: 42390P9990

Stephen M. De Klerk, Reg. No. 46,503 Name of Person Signing FORM PTO-1619A OMB 0651-0027



U.S. Department of Commerce Patent and Trademark Office

**PATENT** 

TO 1843589  RECORDATION FORM COVER SHEET					
	TENTS ON				
TO: The Commissioner of Patents and Tradem	arks: Please re	ecord the attache	ed original	docum	ent(s) or copy(ies).
Submission Type	Conveya	псе Туре			
New	×	Assignment		Security	Agreement
Resubmission (Non- Recordation)		Time	<b>-</b>	Ch an an	of Name
Document ID # Correction of PTO Error		License		Cnange	of Name
Reel # Frame #		Merger		Other _	
Corrective Document		<b>1</b> 1	.S. Governi	mont	
Reel # Frame #		(For Use ONLY			gencies)
Attorney Docket No: 42390P9990		Departn	nental File	Sec	eret File
Conveying Party (ies)	☐ Mark if addit	tional names of conve	ying parties at	tached	Execution Date Month Day Year
Name (1st party) Ajit V. Sathe					2/22/2001
Name (2nd party) Michael J. Witherspoon				•	2/22/2001
Name (3rd party) Ravi S. Prasher					2/23/2001
Name (4th party) Kristopher J. Furtschy					2/22/2001
Receiving Party	☐ Mark if addit	ional names of receiv	ing parties atta	ched	
N (I' - 1) Intel Companyion					If document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United
States, an appointment of a Address (line 1) 2200 Mission College Boulevard domestic representative is			domestic representative is		
Address (line 2)					attached. (Designation must be a separate document from
Address (line 3) Santa Clara	CA	<u> </u>	95052		Assignment.)
City	State/Coun	try	Zip Code	e	
Domestic Representative Name and Address (Complete only if receiving party is not domiciled in t	s he United States)		Enter for	the firs	t Receiving Party only.
Name					and the state of t
Address (line 1)					
Address (line 2)				-	
Address (line 3)					
Address (line 4)	OR OFFICE USE	ONLY			
Public burden reporting for this collection of information is estimate the document and gathering the data needed to complete the Cover Information Officer, Washington, D.C. 20231 and to the Office of I (0651-0027), Washington, D.C. 20503. See OMB Information Coll REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO TI	Sheet. Send comment information and Regula lection Budget Packag HIS ADDRESS.	ts regarding this burden of the Affairs, Office of Mage 0651-0027, Patent and	estimate to the U Management and I Trademark Ass	J.S.Patent a Budget, Paignment P	and Trademark Office, Chief aperwork Reduction Project
Commissioner of Patents and T	rademarks, Box	Assignments, Was	hington, D.C	C. <b>2023</b> 1	
			— P/	YTEN:	T

REEL: 011932 FRAME: 0239

FORM PTO-1619B OMB 0651-0027	Pogs	. 2	U.S. Department of Commerce Patent and Trademark Office
OMB 0651-0027 Page 2		<i>:                                    </i>	PATENT
Correspondent Name and Address	Area Cod	le and Telephone Number	408-720-8300
Name Stephen M. De Klerk			
Address (line 1) Blakely, Sokoloff, Taylor & Zafa	man LLP		
Address (line 2) 12400 Wilshire Boulevard			
Address (line 3) Seventh Floor			
Address (line 4) Los Angeles, CA 90025-1026			
Pages Enter the total number of page	es of the attached	d conveyance document.	# 2
Patent Application Number (s)  Patent Application Number (s)  If this document is being filed together with a new patent application was signed by the first named experience of the signed and the signed application was signed by the signed application was signed application was signed by the signed application was signed by the signed application was signed application was signed application was signed by the signed application was signed by the signed application was signed application was signed by the signed application was signed application was signed by the signed application was signed application application application application application was signed application applic	Patent Applicati	Patent	Numbers for the same property).  Number (s)  Month Day Year
Patent Cooperation Treaty (PCT)			1.17
Enter PCT application number only if a	PCT	PCT	PCT
U.S. Application Number has not been assigned.	PCT	PCT	PCT
Number of Properties E	nter the total nu	umber of properties involved.	# 1
Fee Amount Fee	Amount for Pro	operties Listed (37 CFR 3.41):	\$ 40.00
Method of Payment: Deposit Account  End	closed 🔀	Deposit Account	
	count or if additi-	onal fees can be charged to the ac	count.)
		Deposit Account Number:	# 02-2666
	Authoriza	tion to charge additional fees:	Yes 🛛 No 🗌
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. Charges to deposit account are authorized, as indicated herein.

46,503

Name of Person Signing

Registration No.

Signature

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

**PATENT** 

REEL: 011932 FRAME: 0240

Attorney's Docket

## ASSIGNMENT

PATENT

No.: 42390P9990 (For Execution After Filing Patent Application)

In consideration of good and valuable con	sideration, the receipt of which is hereby
acknowledged, <u>We</u>	
the undersigned,Ajit V. Sathe, Michael J. Wit	herspoon, Ravi S. Prasher, and Kristopher J.
Frutschy	
hereby sell, assign, and transfer to <u>Intel Corpora</u>	ation
a corporation of <u>Delaware</u>	_, having a principal place of business at
2200 Mission College Boulevard, Santa Clara, CA and its successors, assigns, and legal representa United States and all foreign countries, in and to a the application for the United States patent that w Application No. <u>09/730,621</u> and is entitled	atives, the entire right, title, and interest for the any and all improvements that are disclosed in
AN ELECTRONIC ASSEMBLY HAVING A HE	AT PIPE THAT CONDUCTS HEAT FROM A
SEMICONDUCTOR DIE	
and in and to said application and all divisional ap- continued prosecution applications, continuation- renewal applications, reissue applications, reexar applications that have been or shall be filed in the any of said improvements; and in and to all origin certificates, and extensions that have been or sha foreign countries on said improvements; and in al filing of said United States application;	in-part applications, substitute applications, minations, extensions, and all other patent e United States and all foreign countries on all patents, reissued patents, reexamination all be issued in the United States and all

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A2)

Date: February 22, 2	20 <u>01</u>	Name: Ajit V. Sathe
Date: <del>Feb. 22</del> , 2	20 0	Name: Michael J. Witherspoon
Date: Feb. 22 , 2  Date: Feb. 22 , 2	20 <u>6</u> 1	Name: Ravi S. Prasher
Date: rebruary 22, 2	2001	Name: Kristopher J. Frutschy
Date:, 2	20	Name:
Date:, 2	20	Name:
State of:}  County of:}	Lo	signment Document Return Address: AKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 400 Wilshire Blvd., Seventh Floor s Angeles, California 90025-1026 08) 720-8598
On this day of the undersigned Notary Public, p	ersona	20, before me,, Ily appeared
[] personally known to me [] p be the person(s) whose name(s) acknowledged that _executed it. WITNESS my hand and official s	_subsc	to me on the basis of satisfactory evidence to ribed to the within instrument, and

-2-

Notary's Signature