Docket No.:

8229-004-27

FORM PTO-1595 1-31-92

Va. 13 6 \ U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Pleas	4 e record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Mark SMITH Ivan IVANOV Frederick EISENMANN Additional name(s) of conveying party(ies) attached ✓ ✓ Yes ■No	Name and address of receiving party(ies): Name: CYPRESS SEMICONDUCTOR CORPORATION Address: 3901 North First Street San Jose, CA 95134	
3. Nature of Conveyance: ■ Assignment □ Security Agreement □ Other □ October 13, 1999, October 12,	Additional name(s) and address(es) attached? □Yes ■No	
Execution Date: 1999 and November 15, 2001		
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the A. Patent Application No.(s) 09/421,333	B. Patent No.(s)	
Additional numbers atta		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications and patents involved: 1	
Supervisor, Patent Prosecution Services PIPER MARBURY RUDNICK & WOLFE LLP 1200 Nineteenth Street, N.W. Washington, D.C. 20036-2412 Telephone No. (202) 861-3900	7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 50-1442 (Attach duplicate copy of this page if paying by deposit account)	
Facsimile No. (202) 223-2085 DO NOT USE T	HIS SPACE	
9. Statement and signature To the best of my knowledge and belief, the foregoing information of the original document. Laura D. Nammo Name of Person Signing Registration Number: 42,024 Total number of pages including this) / (13 - 200) Date	
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Mail documents to be recorded with required cover sheet inform	nation to:	
Commissioner of Pate Box Assi 2/18/2001 GTON11 00000124 09421333 Washington 1 FC:581	ents and Trademarks gnments	

PATENT REEL: 012368 FRAME: 0461 Docket No.: 8229-004-27 Page 1 of 2

Assignment of Application

WHEREAS	, I (we),	Mark SMITH	., 9430 207 th Stre	eet West, Lakeville, M	N 55044;
Ivan IVANOV, 12	531 Port	land Avenue So	outh #219, Burns	sville, MN 55307; and	
Frederick EISENN	IANN, 7	94 Wilfred Roa	d Unit A, Hudso	on, WI 54016	
				- Application PM 400 - Art has he	
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				, res	pectively,
have invented cert	ain new a	and useful impr	ovements in:	ALUMINUM	
METALLIZATIO	N METH	IOD AND PRO	DUCT		
for which an application for Letters Patent was executed on October 12, 1999, October					
				13, 1999 and Nover 2001	mber 15,
(Application No.	09/421,	333	, Filed _	October 18, 1999); and
WHEREAS,	CYPRE	ESS SEMICON	DUCTOR CORI	PORATION	
(hereinafter referred to as "ASSIGNEE"), having a place of business at: 3901 North First Street, San Jose, CA 95134					
	· · · · · · · · · · · · · · · · · · ·				

is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I (we), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, continuations, substitutions, renewals and reissues thereof.

PATENT REEL: 012368 FRAME: 0462 I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts know to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Long Aldridge & Norman LLP, Attorneys at Law, 6th Floor, 701 Pennsylvania Avenue, N.W., Washington, D.C. 20004 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 10/13/99	M.A. Smell
Date: 10-12-99	(Signature of Inventor) Mark SMITH
Date:	(Signature of Inventor) Ivan IVANOV
Date:	(Signature of Inventor) Frederick EISENMANN
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date.	(Signature of Inventor)

Long Aldridge & Norman LLP

Attorneys At Law 6th Floor, 701 Pennsylvania Avenue, N.W. Washington, D.C. 20004

> PATENT REEL: 012368 FRAME: 0463

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I (we) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (we) agree that I (wo) will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Piper Marbury Rudnick & Wolfe LLP. Attorneys at Law, 1200 Nineteenth Street, N.W., Washington, I.C. 20036-2412, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Desc: 14/15/8/	(Signature of Inventor) Frede	(Signature of Inventor) Frederick EISENMANN			
Date:	(Signature of Inventor)	:			
Date:					
Date:	(Signature of Inventor)				
Date:	(Signature of inventor)				
Date:	(Signature of Inventor)				
Date:	(Signature of Inventor)				
	(Signature of Inventor)				

PIPER MARBURY RUDNICK & WOLFE LLP 1200 NINETERNTH STREET, N.W. WASHINGTON, D.C. 20036-2412

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