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02-25-1999



U.S. Department of Commerce Patent and Trademark Office

FORM PTO-1594 1-31-92 Attorney Docket No. 07480.0004 100973259 To the Honorable Commissioner of Patents and Tragemains Please record the attached original documents or copy thereof. ATTN, BOX ASSIGNMENTS 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Chun-Wen CHEN and Wen-Shin PENG POWERCHIP SEMICONDUCTOR CORP Name: Additional name(s) of conveying party(ies) attached? □ Yes

No Internal Address: 3. Nature of conveyance: Street Address: No. 12, Li-Hsin Rd., I, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C. City: \boxtimes Assignment Merger State: Zip Code: Security Agreement Change of Name Other Additional name(s) & Address(es) attached? **Execution Date:** January 30, 1999 □ Yes

No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the 4. application: January 30, 1999 B. Patent Number(s): Α. Patent Application Number(s): 19-247 855 Additional numbers attached? □ Yes 図 No 5. Name and address of party to whom correspondence 6. Total number of applications and registrations involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Name: Mr. Ernest F. Chapman FINNEGAN, HENDERSON, FARABOW, GARRETT Enclosed (Please charge deficiency to deposit account) Internal Address: & DUNNER, L.L.P. Authorized to be charged to deposit account Street Address: 1300 I Street, N.W. 2/23/1999 BOUTLER 00000019 09247855 City: 2 FC:581 Washington 8. Deposit account number: 06-0916 40,00 00 20005-3315 State: DC Zip: 9. 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. Richard V. Burgujian February 11, 1999

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

PATENT REEL: 9777 FRAME: 0117

Date

2

ASSIGNMENT

WHEREAS, Chun-Wen CHEN and Wen-Shin	PENG
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:	
Title: WIRE-FEEDING DEVICE	
Executed on: January 30, 1999	
WHEREAS, Powerchip Semiconductor Co Rd., I, Science-Based Industrial Park	orp. of No. 12, Li-Hsin , Hsin-Chu, Taiwan, R.O.C.
hereinafter referred to as ASSIGNEE, is desirous of ac said invention and application and in any U.S. Letters same;	
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.	
Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.	
IN TESTIMONY WHEREOF, Assignor has/havedate(s) indicated.	e signed his/her/their name(s) on the
寒春又源春又	1/30.99'
Chun-Wen CHEN	Date:
對文情學	50'99
Wen-Shin PENG	Date:

RECORDED: 02/11/1999

PATENT REEL: 9777 FRAME: 0118