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To the Honorable Asst. Co. 101495364	tached original documents or copy thereof
Name of conveying party(ies):	Name and address of receiving party(ies)
Thomas Alexander	
Additional name (a) of annualing parties attached 2	Name: PMC-Sierra, Inc.
Additional name(s) of conveying parties attached?  Yes No.	Internal Address:
	Street Address: 105-8555 Baxter Place
10-10-2000	City: Burnaby, British Columbia Country: Canada Zip: V5A 4V7
3. Nature of conveyance:	Additional names and addresses attached? ☐ Yes ☒ No
☐ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	
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Execution Date: August 9, 1999	
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A. Patent Application No(s): 09/351,406	Patent No(s):
Additional numbers attached?	☐ Yes ☒ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1
Name: Kenneth R. Allen	7. Total fee (37 CFR 3.41):\$40.00
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Kenneth R. Allen Kenneth	K. Allen 10.6.00
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> PATENT REEL: 011071 FRAME: 0748

110 8-27-99 09-01-1999 Attorney Docket No. 84820		
	Attorney Docket No. 84820	
To the Honorable Asst. Commissioner for Patents. F  1. Name of conveying party(ies):	01133998 s or copy thereof seiving party(ies)	
	2. Name and deal	
Thomas Alexander	Name: PMC-Sierra, Inc.	
Additional name(s) of conveying parties attached?   Yes		
⊠ No.	Internal Address: 105-8555 Baster Place	
	Street Address: 105-8555 Baster Place	
	City: Burnaby, British Columbia Country: Canada Zip: V5A 4V7	
3. Nature of conveyance:	Additional names and addresses attached?   Yes   No	
	unpt ** - 1 · 1	
Security Agreement Change of Name		
Other:	Alle	
	- 400 2 7 1039	
Execution Date: August 9, 1999		
4. Application Number(s) or Patent Numbers.	**************************************	
If this document is being filed together with a new application, the	execution date of the application is:	
A. Patent Application No(s): 09/351,406	Patent No(s):	
Additional numbers attached?  Yes  No		
5. Name and address of party to whom correspondence	Total number of applications and patents involved 1	
concerning document should be mailed:  Name: Kenneth R. Allen	7. Total fee (37 CFR 3.41):\$40.00	
TOWNSEND AND TOWNSEND AND CREW LLP		
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PATENT REEL: 011071 FRAME: 0749

## ASSIGNMENT

WHEREAS I, Thomas Alexander (the "Assignor"), of 15913 S. Windy City Road, Mulino, Oregon 97042 am the inventor of certain inventions or improvements described and claimed in United States Patent Application Serial No. 09/351,406 filed 9 July, 1999 (Declaration & Power of Attorney executed concurrently herewith) and entitled:

## LINK AGGREGATION IN ETHERNET FRAME SWITCHES

AND WHEREAS, PMC-Sierra, Inc., (the "Assignee"), a Delaware corporation, having an office at 105 - 8555 Baxter Place, Burnaby, British Columbia, Canada V5A 4V7, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements, and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW THEREFORE, in consideration of the sum of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the Assignor, do hereby sell, assign, transfer and set over to the Assignee the entire right, title and interest in and to the said inventions or improvements and said application, and any and all continuations, divisions, renewals of or substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof, and any reissue or reissues of said Letters Patent; and I assign to and authorize the Assignee to file in my name applications for Letters Patent for said inventions or improvements in all countries, the same to be held and enjoyed by the Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me, had this assignment, sale and transfer not been made:

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent, in the Assignee, its successors, assigns, nominees or legal representatives, and I agree to communicate to the Assignee, or its nominees, all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid the Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of the Assignee or its successors, assigns, nominees or legal representatives;

AND I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any official of any country or countries

- 1 -



foreign to the United States of America whose duty it is to issue patents on applications as aforesaid, to issue to the Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment.

EXECUTED at Beaverton, Oregon, United States of America this 4th day of AUGUST, 1999.

SIGNED, SEALED & DELIVERED by Thomas Alexander in the presence of:

Signature of Witness Thomas Alexander

Print Witness' Name

Thomas Alexander

Print Witness' Address

SHERWARD TER.

COPY

Print Witness' Occupation