

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Andras DE KOOS</td><td>03/28/2003</td></tr><tr><td>Mounir YOUSSEF</td><td>03/28/2003</td></tr></tbody></table>	Name	Execution Date	Andras DE KOOS	03/28/2003	Mounir YOUSSEF	03/28/2003	
Name	Execution Date						
Andras DE KOOS	03/28/2003						
Mounir YOUSSEF	03/28/2003						
RECEIVING PARTY DATA							
Name:	PMC-SIERRA, INC.						
Street Address:	3975 Freedom Circle						
City:	Santa Clara						
State/Country:	CALIFORNIA						
Postal Code:	95054						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10755403</td></tr></tbody></table>	Property Type	Number	Application Number:	10755403			
Property Type	Number						
Application Number:	10755403						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Mark Bordeleau						
Total Attachments: 2 source=PAT_2240-2_Assignment#page1.tif source=PAT_2240-2_Assignment#page2.tif							

CH 10755403 \$40.00

PATENT

500277297

REEL: 019295 FRAME: 0507

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we the undersigned, whose full post office address is listed below my name, do hereby sell, assign and transfer to:

PMC-SIERRA, INC.

(hereinafter "PMC"), it successors, assigns and legal representatives, whose full post office address is:

3975 Freedom Circle
Santa Clara, CA., 95054
U.S.A.

all their right, title, and interest worldwide in and to the invention relating to

OVERLAPPING JUMPING WINDOW FOR SONET/SDH BIT ERROR RATE MONITORING

as described in an application for letters patent filed in the United States on January 16, 2003, and given Serial No. 60/440,371,

as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

We undertake without charges to PMC but at the request and expense to execute all documents, take all oaths and do all reasonable acts to enable PMC, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to PMC, its successors, assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Shapiro Cohen whose full post office address is P.O. Box 3440, Station D, Ottawa, Ontario, Canada, K1P 6P12 to correct clerical errors in this Assignment or to insert any further identification or other

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information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

Andras DE KOOS
Andras DE KOOS
5366 Monkland
Montreal, QC H4A 1C4
CANADA

Andras DE KOOS
Witness Signature

Mar 28, 2003
(Insert Date)

ANDRÉ BARON
Witness Name (Print)

Mounir YOUSSEF
Mounir YOUSSEF
84 MacDonald
Kirkland, QC H9J 3Z6
CANADA

Mounir YOUSSEF
Witness Signature

MAR 28th, 2003.
(Insert Date)

Dino Pozzebon
Witness Name (Print)