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Narendra K. Bansal

Additional name(s) of conveying party(ies)
attached? [] Yes [X] No

3. Nature of conveyance:
[X] Assignment [] Merger
[] Security Agreement [] Change of
Name
[] Other

Execution Date: 10/29/03

2. Name and address of receiving party(ies)
Name: APPLIED MICRO CIRCUITS CORPORATION
Internal Address:
Street Address: 6290 Sequence Drive
City: San Diego State: CA Zip: 92121-4358
Country: USA

Additional name(s) & address(es) attached? [] Yes
[X] No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the
application is:
A. Patent Application No. (s) 10/402,916 B. Patent No. (s)
Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom
correspondence concerning document should
be mailed:
Weingarten, Schurgin,
Gagnebin & Lebovici LLP
Ten Post Office Square
Boston, Massachusetts 02109

6. Total number of applications and patents
Involved [1]

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Attorney Name: Richard E. Gamache
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Signature: *Richard E. Gamache* Date: 11/5/03

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A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I

Narendra K. Bansal, residing at 15 Sutton Place, Londonderry, New Hampshire 03053,

hereby sell and assign to APPLIED MICRO CIRCUITS CORPORATION, a Delaware corporation having a principal place of business at 6290 Sequence Drive, San Diego, California 92121-4358, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries, in and to my invention in

A TECHNIQUE FOR BUILDING A LARGE SINGLE-STAGE CROSS-CONNECT USING MULTIPLE DEVICES WITHOUT INTERLEAVING

and the application for United States Letters Patent therefor filed on March 28, 2003, Application No. 10/402,916, and such patents as may issue thereon, and all divisions, reissues and continuations and continuations-in-part thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of said APPLIED MICRO CIRCUITS CORPORATION, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said APPLIED MICRO CIRCUITS CORPORATION, its successors and assigns, to obtain and enforce proper patent protection for said invention in the United States, its territories and all foreign countries.

And I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to APPLIED MICRO CIRCUITS CORPORATION, its successors and assigns.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

BansalNk

Narendra K. Bansal

Date: 10/29/2003

Prabha Bansal
Witness (Signature)

Date: 10/29/2003

PRABHA BANSAL
Witness (Please Print Name)

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