

PATENT ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name: GANASAN, JAYA PRAKASH SUBRAMANIAM

Execution Date: 05/22/2002

Name: HARVIN, ADGER ERIK

Execution Date: 05/22/2002

Name: HOFMANN, RICHARD GERARD

Execution Date: 05/22/2002

Name: REMAKLUS, JR, PERRY WILLMANN

Execution Date: 05/22/2002

RECEIVING PARTY DATA

Name: INTERNATIONAL BUSINESS MACHINES CORPORATION

Street Address: New Orchard Road

Internal Address:

City: Armonk

State: NEW YORK

Country:

Postal Code: 10504

PROPERTY NUMBERS

Application Number: 10137084

Number of Properties: 1

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** (919) 254-2649

CORRESPONDENCE DATA:

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

PATENT

800002609

REEL: 012812 FRAME: 0141

CUSTOMER NUMBER: 025299

NAME OF PERSON SIGNING: Scott W. Reid

DATE SIGNED: 06/19/2002

Total Attachments: 2

source="RPS920020091ASSIGNPG1.tif "

source="RPS920020091ASSIGNPG2.tif "

ASSIGNMENT

Whereas, I/ we,

Jaya Prakash Subramaniam Ganasan
County of Franklin

City of Youngsville
State of North Carolina

Adger Erik Harvin
County of Wake

City of Raleigh
State of North Carolina

Richard Gerard Hofmann
County of Wake

City of Apex
State of North Carolina

Perry Wilmann Remaklus, Jr.
County of Wake

City of Raleigh
State of North Carolina

have invented certain improvements in

Title:

**SCALABLE ON-CHIP BUS PERFORMANCE MONITORING SYNCHRONIZATION
MECHANISM AND METHOD OF USE**

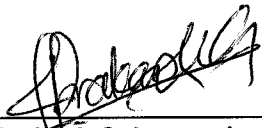
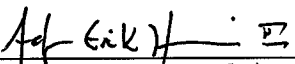

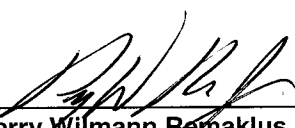
and executed a United States patent application therefor on the following date(s):

(1)	<u>05/22/2002</u>	(2)	<u>05/22/02</u>
(3)	<u>5/28/02</u>	(4)	<u>5/28/02</u>

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I/ we, the above named, hereby acknowledge my/our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the United States application, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I/we hereby agree that IBM may apply for foreign Letters Patent on the invention and I/we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

<u>CITY/STATE</u>	<u>DATE</u>	<u>SIGNATURE</u>
<u>RTP NC</u>	<u>05/22/2002</u>	 Jaya Prakash Subramaniam Ganasan
<u>RTP NC</u>	<u>05/22/02</u>	 Adger Erik Harvin, ^E _{Adg E}
<u>RTP NC</u>	<u>5/28/02</u>	 Richard Gerard Hofmann
<u>RTP NC</u>	<u>5/28/02</u>	 Perry Wilmann Remaklus, Jr. WILLMANN