

In place of Form PTO-1595

Docket No. CA920040096US1

**RECORDATION FORM COVER SHEET  
PATENTS**

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b>  1. RAUL ESTEBAN SILVERA 2. KEVIN ALEXANDER STOODLEY 3. GUANSONG ZHANG  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Execution Date:</b>  <u>08/30/2004</u> <u>08/30/2004</u> <u>08/30/2004</u>
<b>2. Name and address of receiving party(ies):</b>  International Business Machines Corporation New Orchard Road Armonk, New York 10504	<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is:  Patent Application No. <u>10/929165</u> Patent No.(s): _____	

**5. Name and address of party to whom  
correspondence concerning document  
should be mailed:**Mark S. Walker  
IBM Corporation  
Intellectual Property Law  
11400 Burnet Road  
Austin, TX 78758  
512-823-5884Customer No.: 32329**6. Total number of applications and patents  
involved:** 1**7. Total fee (37 CFR 3.41) \$ 40.00**☐ Enclosed☒ Authorized to be charged to deposit account**8. Deposit account number:** 09-0447

DO NOT USE THIS SPACE

**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.

Robin Zelent  
Name of Person SigningRobin Zelent  
SignatureSeptember 20, 2004  
DateTotal number of pages including cover sheet 3

IBM Docket No.: CA920040096US1

## ASSIGNMENT

WHEREAS, we:

- (1) Raul Esteban Silvera of Ontario, Canada
- (2) Kevin Alexander Stoodley of Ontario, Canada
- (3) Guansong Zhang of Ontario, Canada

have invented certain improvements in

### DISTRIBUTED COUNTER AND CENTRALIZED SENSOR IN BARRIER WAIT SYNCHRONIZATION

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


- (1) 08/30/2004
- (2) 08/30/2004
- (3) 08/30/2004


Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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;

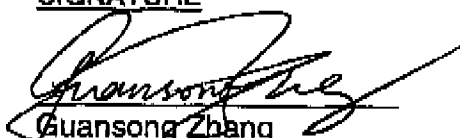
Now therefor, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein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

IBM Docket No.: CA920040096US1

## SIGNED AND SEALED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Markham</u>	<u>Aug 30/04</u>	 Raul Esteban Silvera

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(2)	<u>MARKHAM</u>	<u>Aug 30, 2004</u>	 Kevin Alexander Stoodley

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(3)	<u>Markham</u>	<u>Aug 30, 2004</u>	 Guansong Zhang

23533