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PATENT



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy thereof:

1. Name of conveying party(ies):

Jacklin Ann Adams
Dean Frederick Herring
John Robert Kirksey
William Fred Otto

2. Name and address of receiving party:

INTERNATIONAL BUSINESS MACHINES CORP.
New Orchard Road
Armonk, New York 10504

Additional name(s) & address(es) attached?
 Yes XXX No

617 U.S. PTO
09/444049
11/19/99

3. Nature of conveyance: XXX Assignment

4. Application or patent number(s):

Date of Execution of Application: November 18, 1999

Title: **METHOD AND APPARATUS FOR MOUNTING COMPONENTS USING A Z-SPRING**

A. Patent Application No.(s):

B. Patent No.(s): 09/444049

5. Name and address of party to whom correspondence concerning document should be mailed:

Geroge E. Grosser
INTERNATIONAL BUSINESS MACHINES CORP.
Intellectual Property Law Dept.
Dept. 9CCA/002-2
P. O. Box 12195
RTP, NC 27709-2195

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00 ✓

Authorized to be charged to deposit account ✓

8. Deposit account number: 09-1990 ✓

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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.

George E. Grosser
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Date

Total number of pages including cover sheet, attachments and document:

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Assistant Commissioner for Patents
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PATENT
REEL: 010402 FRAME: 0098

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ASSIGNMENT

Whereas we,

- (1) Jacklin Ann Adams of Cary,
County of Wake and State of North Carolina,
- (2) Dean Frederick Herring of Youngsville,
County of Franklin and State of North Carolina,
- (3) John Robert Kirksey of Cary,
County of Wake and State of North Carolina, and
- (4) William Fred Otto of Apex,
County of Wake and State of North Carolina

have invented certain improvements in

METHOD AND APPARATUS FOR MOUNTING COMPONENTS USING A Z-SPRING

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

- (1) 11/18/99
- (2) 11/18/99
- (3) 11/18/99 and
- (4) 11/18/99

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, 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 the 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.

Signed and sealed:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>RTP, N.C.</u>	<u>11/18/99</u>	<u>Jacklin Ann Adams</u> Jacklin Ann Adams
(2)	<u>RTP, N.C.</u>	<u>11/18/99</u>	<u>Dean Frederick Herring</u> Dean Frederick Herring
(3)	<u>RTP, N.C.</u>	<u>11/18/99</u>	<u>John Robert Kirksey</u> John Robert Kirksey
(4)	<u>RTP, N.C.</u>	<u>11/18/99</u>	<u>William Fred Otto</u> William Fred Otto