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Atty. Docket No. FI 9-99-0243US1

RECORDATION FORM COVER SHEET

PATENTS ONLY

MKN 12.13.99

jc662 U.S. PTC 09/459552

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies): Patrick A. Coico and Benjamin V. Fasano

3. Nature of Conveyance: Assignment

Execution Date: 12/10/99 & 12/06/99

2. Name & address of receiving party(ies)

Name: International Business
Machines Corporation

Street

Address:

New Orchard Road

City: Armonk State: New York ZIP: 10504

4. Application number(s) or patent number(s):

09/459552

Title of Application: LAND GRID ARRAY ALIGNMENT AND ENGAGEMENT DESIGN

If this document is being filed together with a new application, the execution date of the application is: 12/10/99 & 12/06/99

A. Patent Application No(s).
Docket No. FI 9-99-0243US1

B. Patent No(s)

Additional numbers attached? Yes X No

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

Name: Aziz M. Ahsan

Street Address:

IBM Corporation
Intellectual Property Law Dept.
Dept. 18G/Bldg. 300-482
1580 Route 52
Hopewell Junction, NY 12533-6531

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- 6. Total number of applications and patents involved: $\underline{\mathbf{1}}$
 - 7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 X Authorized to be charged to deposit account
 - 8. Deposit A/C no.: <u>09-0458 (FI-597)</u>
 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement of 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.

Aziz M. Ahsan, Reg. No. 32,100

Name of Person Signing Telephone No. (914) 894-4713 Signature A212 M. Ahsam

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Date DEC. 13, 99.

Total number of pages, including cover sheet, attachments, and document 4

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I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. Applicant and/or Attorney requests the date of deposit as the filing date.

December 13 , 1999

DATE OF DEPOSIT

Judy tachlis 12/13/99

Judy Paolillo

PATENT REEL: 010450 FRAME: 0495

ASSIGNMENT

WHEREAS, we

(1) Patrick A. Coico of Fishkill

County of Dutchess State of New York

and

(2) Benjamin V. Fasano of New Windsor County of Orange State of New York

have invented certain improvements in

LAND GRID ARRAY ALIGNMENT AND ENGAGEMENT DESIGN

and executed a United States patent application therefor on: (dates that Inventors signed the declaration)

(1) December 10, 1999 and (2) December 6, 1999.

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 said 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, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at East Fishkill, NY

Patrick A. Coico

and

(2) at East Fishkill, NY on December , 1999.

RECORDED: 12/13/1999

Řeniamin V. Fasano

PATENT

REEL: 010450 FRAME: 0496