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To the Honorable Commissioner of Patents and Trademarks

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1. Name of conveying party(ies):

Raulf M. Polichar
Kuo-Tong Chen

1. 15. 04

2. Name and address of receiving party(ies):

Science Applications International Corp., 10260 Campus Point Drive, San Diego, California 92121

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date(s): December 9, 2000

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

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: Herewith
- (b) The title is: PIN ALLOY-SEMICONDUCTOR, RADIATION DETECTORS WITH RECTIFYING JUNCTION CONTACTS, METHODS AND SYSTEMS FOR FORMING PIN ALLOY-SEMICONDUCTOR DEVICES WITH RECTIFYING JUNCTION CONTACTS, AND SYSTEMS AND METHODS FOR ANALYZING ALLOY-SEMICONDUCTOR PROPERTIES.

*** OR ***

This document is being filed after filing of the application:

- (a) Patent Application No(s). _____ filed _____; and
- (b) Patent No(s). _____, issued _____.

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

KILPATRICK STOCKTON LLP
Suite 800
700 13th Street, N.W.
Washington, D.C. 20005

Our Docket: **SAIC0010-CON1**

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 No.: 501458 (Any underpayment is authorized to be charged to this Deposit Account)
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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.

George T. Marcou, #33,014
Name of Person Signing

Date: 1/17/04

Total number of pages including cover sheet, attachment and document: 5

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To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof.

1. Name of conveying party(ies):

Raulf M. Polichar
Kuo-Tong Chen

9/736157

2. Name and address of receiving party(ies):

Science Applications International Corp., 10260 Campus Point Drive, San Diego, California 92121

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date(s): December 9, 2000

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09/736157
12/15/00

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

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KILPATRICK STOCKTON LLP
Suite 800
700 13th Street, N.W.
Washington, D.C. 20005

Our Docket: SAIC0010-US

6. Total number of applications and patents involved: 1

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9. Statement and signature.

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George T. Marcou, #33,014
Name of Person Signing

Signature Reo. No. 35,370

Date: 12/15/00

Total number of pages including cover sheet, attachment and document: 3

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ASSIGNMENT

WHEREAS, Raulf M. Polichar and Kuo-Tong Chen (hereinafter referred to as "ASSIGNOR") have invented certain new and useful improvements in an invention entitled PIN ALLOY-SEMICONDUCTOR, RADIATION DETECTORS WITH RECTIFYING JUNCTION CONTACTS, METHODS AND SYSTEMS FOR FORMING PIN ALLOY-SEMICONDUCTOR DEVICES WITH RECTIFYING JUNCTION CONTACTS, AND SYSTEMS AND METHODS FOR ANALYZING ALLOY-SEMICONDUCTOR PROPERTIES,

- for which an application for a United States Patent was filed with the United States Patent and Trademark Office on _____, Serial Number _____.
- for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, SCIENCE APPLICATION INTERNATIONAL CORPORATION, a corporation doing business at 10260 Campus Point Drive, San Diego, CA 92121 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar, and other good and valuable consideration, paid for patent rights including this application, ASSIGNOR hereby sells and transfers to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any patent application claiming priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal

equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof. This document shall be governed pursuant to the laws of the District of Columbia, United States of America.

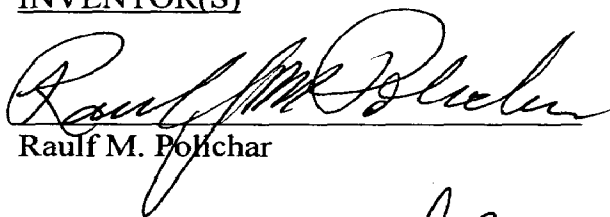
IN WITNESS WHEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

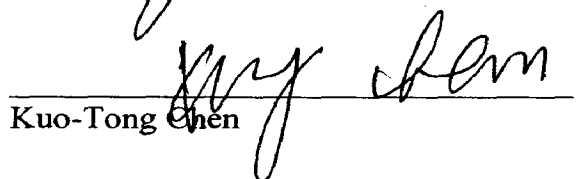
The signature(s) must correspond with the name(s) of the inventor(s) above.

INVENTOR(S)

DATE SIGNED


Raulf M. Polchar

12/9/2000


Kuo-Tong Chen

12/9/2000