

10-31-2005



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10-19-05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kingsley R. Berlin
Dr. Rathindra N. Pal

2. Name and address of receiving party(ies)

Name: National Security Agency
Internal Address: Attn: Assoc General
Counsel for IP&T

11/25/05 U.S. PTO
11253879



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Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 18 Oct 05 ; 17 Oct 05

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Street Address: 9800 Savage Road
Suite 6542

City: Ft. Meade

State: MD

Country: USA Zip: 20755-6542

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: National Security Agency
Internal Address: Attn: Assoc General
Counsel for IP&T
Street Address: 9800 Savage Road
Suite 6542
City: Ft. Meade
State: MD Zip: 20755-6542
Phone Number: 301-688-0287
Fax Number: 301-688-0076
Email Address: rdmorel@tycho.ncsc.mil

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 8000

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 14-0381
Authorized User Name Robert Morelli

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11253879

9. Signature:

Robert D. Morelli
Signature

10-19-2005
Date

ROBERT D. MORELLI

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

10/26/2005
01 FT:002

ASSIGNMENT

(Government Employee)

TITLE:**METHOD OF RELIABLY ELECTROLESS-PLATING INTEGRATED CIRCUIT DIE**

INVENTOR:**DR. RAJNINDRA N. PAL, KINGSLEY R. BERLIN**

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-identified invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Director, National Security Agency, the entire right, title, and interest throughout the world in and to the above-identified invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of the interferences and recording of title to patent applications and patents.

INVENTOR: Kingsley E. Berlin

ADDRESS: (City) Ft. Meade (County) Anne Arundel
(State) MD

DATE: 10/18/05

SIGNATURE: Kingsley Berlin

State of Maryland)
County of Anne Arundel)

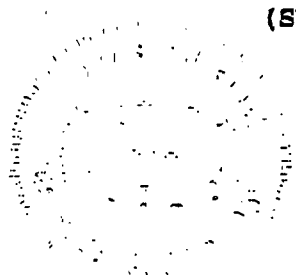
On 18 October 2005 (date), known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he or she executed the same as their own free act and deed.

Thomas Fulginiti
(Signature)

(SEAL)

Notary Public of Maryland

My Commission Expires on 01 July 2007



THOMAS FULGINITI
Notary Public
Charles County
Maryland
My Commission Expires Jul 1, 2007

ASSIGNMENT

(Government Employee)

TITLE:

METHOD OF RELIABLY ELECTROLESS-PLATING INTEGRATED CIRCUIT DIE

INVENTOR:

DR. RATNINDRA N. PAL, KINGSLEY R. BERLIN

I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-identified invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Director, National Security Agency, the entire right, title, and interest throughout the world in and to the above-identified invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.

2. Agree to provide any further information within my knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of the interferences and recording of title to patent applications and patents.

INVENTOR: DR. RATHINDRA N. PAL

ADDRESS: (City) BELTSVILLE (County) PRINCE GEORGE
(State) MARYLAND

DATE: 17 OCTOBER 2005

SIGNATURE: R. N. PAL

State of Maryland)
County of Montgomery)

On 17 October 2005 (date), known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that he or she executed the same as their own free act and deed.

Michael Jay Dickard
(Signature)

(SEAL) Notary Public of Montgomery County
My Commission Expires on 11/1/08

