

12/27/2011

7251/114918

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



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103638416

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

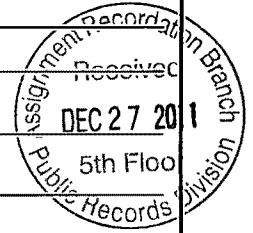
**1. Name of conveying party(ies)**

David DARMON  
Uri KALUZHNY

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

Name: NDS Limited

Internal Address: \_\_\_\_\_



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

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

Execution Date(s) 28 November 2011

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

Street Address: One London Road

City: Staines, Middlesex

State: \_\_\_\_\_

Country: United Kingdom Zip: TW18 4EX

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)  
PCT/IB2011/055060

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  NO

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

Name: L. Friedman

Internal Address: Husch Blackwell LLP

Street Address: 120 South Riverside Plaza  
Suite 2200

City: Chicago

State: Illinois Zip: 60606

Phone Number: (312) 655-1500

Fax Number: (312) 655-1501

Email Address: lfdocket@welshkatz.com

**6. Total number of applications and patents involved:** \_\_\_\_\_

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

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

**8. Payment Information**

Deposit Account Number 23-0920

Authorized User Name L. Friedman

**9. Signature:**

Signature

01 FC:0021 20 DECEMBER 2011

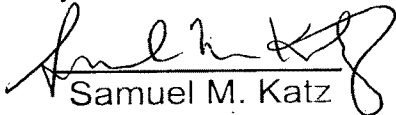
Date

L. Friedman  
Name of Person Signing

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

TRUE COPY

1 December 2011

  
Samuel M. Katz

Reg. No. 37,366

ASSIGNMENT

In consideration of the sum of one dollar (\$1.00), the existing obligations of the parties and other good and valuable consideration,

David DARMON (citizen of ISRAEL); 5/1 Ha-Rav Nissim Street; Jerusalem 93125; ISRAEL; and

Uri KALUZHNY (citizen of ISRAEL); 58/14 Nachal Dolev Street, Ramat Beit Shemesh 99621; ISRAEL,

(hereinafter the Assignor/s) agree to assign and hereby do assign, transfer and set over to

NDS LIMITED  
(A Company organized under the laws of England of)  
One London Road  
Staines  
Middlesex TW18 4EX  
UNITED KINGDOM

(hereinafter the Assignee) their entire right, title and interest in the invention/s as fully set forth and described in

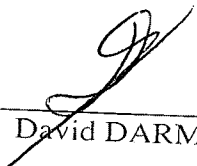
PCT Patent Application No. PCT/IB2011/055060  
OBFUSCATED HARDWARE MULTI-THREADING  
Filed on: 14 November 2011

and all applications for patent and any Letters Patent which may be granted therefor in the United States and throughout the world, including Convention and Treaty rights of all kinds, together with the entire right, title and interest in and to said applications, any and all divisional or continuation applications thereof, and any and all Letters Patent which may issue or be re-issued for said invention/s to the end of the term for which each said Letters Patent may be granted. Assignor/s hereby authorize the issuance of any and all Letters Patent resulting from said applications or any division or divisions or continuing applications thereof to the said Assignee as the Assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said Assignee, its successors, assigns or legal representatives.

And Assignor/s, on behalf of themselves, their representatives and administrators, hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by said Assignee, its successors, assigns or legal representatives, to obtain any and all Letters Patent for said invention/s and vest the same in said Assignee, its successors, assigns, or legal representatives.

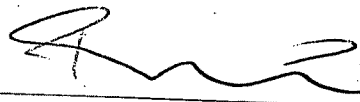
Signed this 28 day of NOVEMBER, 2011

Assignor/s

  
\_\_\_\_\_  
David DARMON

  
\_\_\_\_\_  
Uri KALUZHNY

Accepted  
Assignee  
NDS Limited

  
\_\_\_\_\_  
By: **Ismat Levin**  
Vice President & General Counsel  
NDS Limited

\_\_\_\_\_  
Title: