12/27/2011

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Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s)28 November 2011		Internal Address: DEC 2.7 20 1
Execution Date(s) 28 November 2011  Assignment	Additional name(s) of conveying party(ies) attached? 🗌 Yes 🔯 No	
Security Agreement	3. Nature of conveyance/Execution Date(s):	Street Address: One London Road
☐ Security Agreement ☐ Change of Name City: Staines, Middlesex   ☐ Joint Research Agreement State:	l	- Vecolds
Joint Research Agreement		City: Staines Middlesov
Government Interest Assignment Country: United Kingdom Zip: TW18 4EX   Government Interest Assignment 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)   PCT/IB2011/055060 B. Patent No.(s)   5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved:   Name: L. Friedman   Internal Address: Husch Blackwell LLP   Internal Address: 120 South Riverside Plaza   Street Address: 120 South Riverside Plaza   Suite 2200 None required (government interest not affecting title)   City: Chicago    Suite 10 South Riverside Plaza    None required (government interest not affecting title)   B. Payment Information	☐ Security Agreement ☐ Change of Name	City: Staines, Middlesex
Executive Order 9424, Confirmatory License   Country: United Kingdom   Zip:   IW18 4EX     Other	☐ Joint Research Agreement	State:
Cother	Government Interest Assignment	Country: United Kingdom 7in: TW18 4FX
4. Application or patent number(s):	☐ Executive Order 9424, Confirmatory License	Country. Strice Kingdom Zip. 17710 42X
A. Patent Application No.(s) PCT/IB2011/055060  Additional numbers attached?  Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name:	☐ Other	Additional name(s) & address(es) attached?  Yes  No
A. Patent Application No.(s) PCT/IB2011/055060  Additional numbers attached?  Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Name:	4. Application or patent number(s):	ocument is being filed together with a new application.
Additional numbers attached? ☐ Yes ☒ No  5. Name and address to whom correspondence concerning document should be mailed:  Name: L. Friedman	A. Patent Application No.(s)	B. Patent No.(s)
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  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	PCT/IB2011/055060	
concerning document should be mailed:         Name:       L. Friedman         Internal Address:       Husch Blackwell LLP         Street Address:       120 South Riverside Plaza         Suite 2200       Authorized to be charged to deposit account         Enclosed       None required (government interest not affecting title)         8. Payment Information	Additional numbers a	attached? 🔲 Yes 🔀 NO
Internal Address: Husch Blackwell LLP		Y T
Street Address: 120 South Riverside Plaza Suite 2200  City: Chicago	Name: L. Friedman	<b>7. Total fee</b> (37 CFR 1.21(h) & 3.41) \$ 40.00
Street Address: 120 South Riverside Plaza Suite 2200  City: Chicago    Chicago   Chica	Internal Address: Husch Blackwell LLP	
Street Address: 120 South Riverside Plaza Suite 2200  City: Chicago    Chicago   Chica		Authorized to be charged to deposit account
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State: Illinois Zip: 60606	City: Chicago	8. Payment information
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Phone Number: (312) 655-1500	Phone Number: (312) 655-1500	
Fax Number: (312) 655-1501 Deposit Account Number: 23-0920 12/28/2011 DTIMBER: 00000043 239928 PCT/1	Fax Number: <u>(312) 655-1501</u>	Deposit Account Number, 23-0920
Email Address: Ifdocket@welshkatz.com Authorized User Name L. Friedman	Email Address: <u>lfdocket@welshkatz.com</u>	Authorized Ser Name L. Friedman
9. Signature: 01 FC:802120 DECEMBER 2011	9. Signature:	01 FC:802120 DECENTBER 192011
Signature Date		Date
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L. Friedman Total number of pages including cover sheet, attachments, and document:		
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REEL: 027589 FRAME: 0468

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.

PATENT REEL: 027589 FRAME: 0469 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

Ву:

Ismat Levin

Vice President & General Counsal

NDS Limited

Title: