Form PTO-1595 (Rev. 03-11)	U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp. 03/31/2012) 12/06/	United States Patent and Frademark Office
To the Director of the U.S. Patent 103637	7584
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Harel CAIN	Name: NDS Limited
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X	
3. Nature of conveyance/Execution Date(s):	Street Address: One London Road
Execution Date(s) 8 November 2011	
	City: Staines, Middlesex
Joint Research Agreement Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: United Kingdom Zip: TW18 4EX
	Additional name(s) & address(es) attached? Ves 🛛 No
4. Application or patent number(s): This A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
PCT/IB2011/054135	D. Fatentino.(3)
Additional number	rs attached? 🗌 Yes 🖾 NO
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: L. Friedman	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Husch Blackwell LLP	
	Authorized to be charged to deposit account
Street Address: 120 South Riverside Plaza	
Suite 2200	None required (government interest not affecting title)
City: Chicago	8. Payment Information
State: Illinois Zip: 60606	-
	-
Phone Number: (312) 655-1500	Denesit Assount Number 22,0020
Fax Number: <u>(312) 655-1501</u>	Deposit Account Number 23-0920
Email Address: <u>lfdocket@welshkatz.com</u>	Authorized User Name L. Friedman
9. Signature:	30 NOVEMBER 2011 Date
Ognature	4
L. Friedman	fotal/Manber pfrages including 687 e209203 PCT/ s/654130 achments, and document:
Name of Person Signing	
	01 FC:8021 40.00 DA

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22 REEL: 027473 FRAME: 0494



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,

CAIN, Harel (citizen of Israel); 2 Esther Hamalka Street; Jerusalem93627; Israel;

1.18

(hereinafter the Assignor) agrees to assign and hereby does 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/IB2011/054135 SERVICE PROTECTION Filed on: 21 September 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 hereby authorizes 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, on behalf of themself, 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.

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PATENT REEL: 027473 FRAME: 0495

Signed this 8 day of NOVEMBER, 2011

Iarel

Accepted Assignee

by: Ismat Levin Vice President & General Counsel titleNDS Limited NDS Limited

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RECORDED: 12/06/2011