

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
NDS LIMITED		03/10/2011	CORPORATION: UNITED KINGDOM
RECEIVING PARTY DATA			
Name:	J.P.MORGAN EUROPE LIMITED		
Street Address:	P.O. BOX 2558		
City:	HOUSTON		
State/Country:	TEXAS		
Postal Code:	77252-2558		
Entity Type:	BANK: UNITED KINGDOM		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	1959173	VIDEOGUARD	
Registration Number:	2840447	NDS	
Registration Number:	2840448	NDS	
CORRESPONDENCE DATA			
Fax Number:	(866)826-5420		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	3016380511		
Email:	ipresearchplus@comcast.net		
Correspondent Name:	IP Research Plus, Inc.		
Address Line 1:	21 Tadcaster Circle		
Address Line 2:	Attn: Penelope J.A. Agodoa		
Address Line 4:	Waldorf, MARYLAND 20602		
ATTORNEY DOCKET NUMBER:	36752		
NAME OF SUBMITTER:	Penelope J.A. Agodoa		

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TRADEMARK
 REEL: 004507 FRAME: 0935

Signature:	/pja/
Date:	03/28/2011
Total Attachments: 15 source=36752#page1.tif source=36752#page2.tif source=36752#page3.tif source=36752#page4.tif source=36752#page5.tif source=36752#page6.tif source=36752#page7.tif source=36752#page8.tif source=36752#page9.tif source=36752#page10.tif source=36752#page11.tif source=36752#page12.tif source=36752#page13.tif source=36752#page14.tif source=36752#page15.tif	

RECORDATION FORM COVER SHEET TRADEMARKS ONLY

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):

NDS LIMITED

- Individual(s)
- General Partnership
- Corporation- State: ENGLAND AND WALES
- Other _____

- Association
- Limited Partnership

Citizenship (see guidelines) ENGLAND AND WALES

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party(ies)

- Yes
- No

Additional names, addresses, or citizenship attached?

Name: J.P.MORGAN EUROPE LIMITED

Internal

Address: _____

Street Address: P.O. BOX 2558

City: HOUSTON

State: TX

Country: USA Zip: 77252-2558

- Association Citizenship _____
- General Partnership Citizenship _____
- Limited Partnership Citizenship _____
- Corporation Citizenship _____
- Other BANK Citizenship UNITED KINGDOM

If assignee is not domiciled in the United States, a domestic representative designation is attached: Yes No
(Designations must be a separate document from assignment)

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

Execution Date(s) 03/10/2011

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other _____

4. Application number(s) or registration number(s) and identification or description of the Trademark.

A. Trademark Application No.(s)
SEE SCHEDULE III.

B. Trademark Registration No.(s)
SEE SCHEDULE III.

Additional sheet(s) attached? Yes No

C. Identification or Description of Trademark(s) (and Filing Date if Application or Registration Number is unknown):

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

Name: IP Research Plus

Internal Address: _____

Attn: Penelope J.A. Agodoa

Street Address: _____

21 Tadcaster Circle

City: Waldorf

State: MD Zip: 20602

Phone Number: 301-638-0511

Fax Number: 866-826-5420

Email Address: orders@ipresearchplus.com

6. Total number of applications and registrations involved:

3

7. Total fee (37 CFR 2.6(b)(6) & 3.41) \$

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed

8. Payment Information:

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Alexandra Schiffrin
Signature

03/10/2011
Date

ALEXANDRA SCHIFFRIN
Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 15

SHORT-FORM INTELLECTUAL PROPERTY SECURITY AGREEMENT

SHORT-FORM INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of March 10, 2011 (this "**Agreement**"), among NDS LIMITED, a corporation incorporated in England and Wales and NEWS DATACOM LIMITED, a corporation incorporated in England and Wales (each of the foregoing, a "**Grantor**" and collectively, the "**Grantors**") and J.P. MORGAN EUROPE LIMITED, as security agent for the Secured Parties (as defined in the Credit Agreement, respectively, referred to below) (herein in such capacity, the "**Security Agent**").

RECITALS

- (A) NDS HOLDINGS (EUROPE) LIMITED, a company organized under the laws of England and Wales (the "**U.K. Borrower**"), NDS FINANCE LIMITED, a company organized under the laws of England and Wales ("**NDS Finance**"), NDS TREASURY (AMERICAS), LLC (the "**U.S. Borrower**" and, each of the U.K. Borrower, NDS Finance and the U.S. Borrower, a "**Borrower**" and, together, the "**Borrowers**"), NDS GROUP LIMITED, a company organized under the laws of England and Wales, the GUARANTORS as defined therein, the LENDERS from time to time party thereto, J.P. MORGAN SECURITIES LLC, J.P. MORGAN PLC and MORGAN STANLEY SENIOR FUNDING, INC., as joint lead arrangers, J.P. MORGAN SECURITIES LLC, J.P. MORGAN PLC, MORGAN STANLEY SENIOR FUNDING, INC., BNP PARIBAS LONDON BRANCH, GOLDMAN SACHS LENDING PARTNERS LLC, LLOYDS TSB BANK PLC and UBS LIMITED, as joint bookrunners, MORGAN STANLEY SENIOR FUNDING, INC., as syndication agent, BNP PARIBAS LONDON BRANCH, GOLDMAN SACHS LENDING PARTNERS LLC, LLOYDS TSB BANK PLC and UBS LIMITED, as documentation agents, JPMORGAN CHASE BANK, N.A., as administrative agent (in such capacity, the "**Administrative Agent**") for the Lenders, and J.P. MORGAN EUROPE LIMITED, as Security Agent and London Agent have entered into a Credit Agreement dated as of March 10, 2011 (as amended and/or restated, supplemented or otherwise modified from time to time, the "**Credit Agreement**").
- (B) The Grantors are party to an Intellectual Property Security Agreement, dated March 10, 2011, in favor of the Security Agent (the "**Intellectual Property Security Agreement**"), pursuant to which certain Grantors are required to execute and deliver this Agreement.
- (C) In consideration of the mutual conditions and agreements set forth in the Credit Agreement, the Intellectual Property Security Agreement and this Agreement, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

SECTION 1 Defined Terms

Unless otherwise defined herein, terms defined in the Intellectual Property Security Agreement and used herein have the meaning given to them in the Intellectual Property Security Agreement.

SECTION 2 Grant of Security Interest in Intellectual Property Collateral

As security for the prompt and complete payment and performance in full when due (whether at stated maturity, by required prepayment, declaration, acceleration, demand or otherwise, including the payment of amounts that would become due but for the operation of the automatic stay under Section 362(a) of the Bankruptcy Code) of all Secured Obligations at any time owed or owing to the Secured

Parties (or any of them), each Grantor hereby pledges, assigns, transfers and grants to the Security Agent, for its benefit and for the benefit of the Secured Parties, a continuing security interest in and Lien on all of its right, title and interest in, to and under all Intellectual Property Collateral, whether now owned or existing or hereafter acquired or arising and wherever located.

“Intellectual Property Collateral” means each Grantor’s right, title and interest in, to and under:

- (a) all Copyrights, including those referred to on Schedule I hereto;
- (b) all Patents, including those referred to on Schedule II hereto;
- (c) all Trademarks, including those referred to on Schedule III hereto, and all goodwill of the business connected with the use of, and symbolized by, each Trademark;
- (d) all reissues, continuations or extensions of the foregoing; and
- (e) to the extent not already included in the foregoing, all proceeds of the foregoing, including any claim by the Grantor against third parties for past, present, future (i) infringement or dilution of any (w) Copyright or Copyright Licensed under any Copyright License, (x) Trademark or Trademark licensed under any Trademark License, (y) Patent or Patent licensed under any Patent License or (z) Trade Secret or Trade Secret licensed under any Trade Secret Licenses or (ii) injury to the goodwill associated with any Trademark.

SECTION 3 [Reserved]

SECTION 4 Certain Exclusions

Notwithstanding anything herein to the contrary, (a) in no event shall the Collateral include and no Grantor shall be deemed to have granted a Security Interest in, any of its right, title or interest (i) in any “intent-to-use” Trademark applications; (ii) in any Intellectual Property if the grant of such Security Interest shall constitute or result in the abandonment of, invalidation of or rendering unenforceable any of its right, title or interest therein or result in a breach of the terms of, or constitute a default under, such Intellectual Property; or (iii) in any license, contract or agreement to which such Grantor is a party or any of its rights or interests thereunder, to the extent, but only to the extent, that such a grant would, under the terms of such license, contract or agreement, or otherwise, result in a breach or termination of the terms of, or constitute a default under, or result in the termination of, any such license, contract or agreement (other than to the extent that any such term would be rendered ineffective pursuant to Sections 9-407 and/or 9-408 of the UCC of any relevant jurisdiction or any other applicable law (including the Bankruptcy Code) or principles of equity); provided that each Grantor agrees to use all commercially reasonable efforts to obtain all requisite consents to enable such Grantor to provide a Security Interest in such asset and, in any event, immediately upon the ineffectiveness, lapse or termination of any such provision, the Collateral shall include, and such Grantor shall be deemed to have granted a Security Interest in, all such rights and interests as if such provision had never been in effect and (b) the Secured Obligations shall be subject to the applicable fraudulent transfer limitation provisions of the Credit Agreement.

SECTION 5 Intellectual Property Security Agreement

The security interests granted pursuant to this Intellectual Property Security Agreement are granted concurrently in conjunction with the security interests granted to the Security Agent pursuant to the

Intellectual Property Security Agreement and each Grantor hereby acknowledges and affirms that the rights and remedies of the Security Agent with respect to the security interest granted by them in the Intellectual Property Collateral made and granted hereby is more fully set forth in the Intellectual Property Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

SECTION 6 Termination, Release

- (a) This Agreement, the Security Interest and all other security interests granted hereby shall terminate when (i) the Credit Agreement (together with any Commitments to extend credit thereunder) has terminated pursuant to its express terms and (ii) all of the Obligations (as defined in the Credit Agreement and as distinguished from the Secured Obligations) have been paid and performed in full (or the outstanding Letters of Credit have been cash collateralized in a manner satisfactory to the applicable Issuing Bank).
- (b) A Grantor shall automatically be released from its obligations hereunder and the Security Interest in the Collateral of such Grantor shall be automatically released upon the consummation of any transaction permitted by the Credit Agreement as a result of which such Grantor ceases to be a Subsidiary of any Borrower or Holdings; provided that the Lenders shall have consented to such transaction (to the extent required by the Credit Agreement) and the terms of such consent did not provide otherwise.
- (c) Upon any sale or other transfer by any Grantor of any Collateral that is permitted under the Credit Agreement, or upon the effectiveness of any written consent to the release of the Security Interest granted hereby in any Collateral pursuant to the Credit Agreement, the Security Interest in such Collateral shall be automatically released.
- (d) In connection with any termination or release pursuant to paragraph (a), (b) or (c) of this Section 9.14, the Security Agent shall execute and deliver to any Grantor at such Grantor's expense, all UCC termination statements, releases and similar documents that such Grantor shall reasonably request to evidence such termination or release. Any execution and delivery of termination statements, releases, or other documents pursuant to this Section 9.14 shall be without recourse to or warranty by the Security Agent.

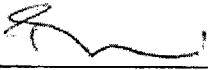
SECTION 7 Governing Law

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED AND ENFORCED IN ACCORDANCE WITH, THE INTERNAL LAWS OF THE STATE OF NEW YORK (INCLUDING, WITHOUT LIMITATION, SECTIONS 5-1401 AND 5-1402 OF THE GENERAL OBLIGATIONS LAW OF THE STATE OF NEW YORK), WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPLES THAT WOULD REQUIRE APPLICATION OF ANY OTHER LAW.

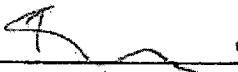
[Signature Page Follows]

IN WITNESS WHEREOF, each Grantor has caused this Intellectual Property Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

NDS LIMITED, as Grantor

By: 
Name: ISMAEL LEVIN
Title: DIRECTOR

NEWS DATACOM LIMITED, as Grantor

By: 
Name: ISMAEL LEVIN
Title: DIRECTOR

ACCEPTED AND AGREED

J.P. MORGAN EUROPE LIMITED, as Security Agent

By: _____
Name:
Title:

IN WITNESS WHEREOF, each Grantor has caused this Intellectual Property Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

NDS LIMITED, as Grantor


By: _____
Name:
Title:

NEWS DATACOM LIMITED, as Grantor

By: _____
Name:
Title:

ACCEPTED AND AGREED

J.P. MORGAN EUROPE LIMITED, as Security Agent

By: 
Name: LAURENCE MANESSIAN
Title: VICE PRESIDENT

SCHEDULE I
COPYRIGHTS

(A) REGISTERED COPYRIGHTS

Title _____ Copyright Reg. No. _____ Date _____

(B) COPYRIGHT APPLICATIONS

Title _____ Date _____

SCHEDULE II

PATENTS

(A) PATENTS

Patent _____ Patent No. _____ Date _____

See Attached

(B) PATENT APPLICATIONS

Patent _____ App. Serial No. _____ Date _____

See Attached

NDS Granted Patents, Published and Pending

Sunday, February 06, 2011

NDS Limited

96-12

NDS Limited

DIGITAL VIDEO BROADCAST SYSTEM

Transmission synchronization and bandwidth adjustment in a broadcast system are described. At least one service tool in the broadcast system supplies service information useful for selecting, from a series of broadcast events, broadcast events to be viewed by subscribers of the broadcast system. A conditional access (CA) unit in the broadcast system applies conditional access attributes to the series of broadcast events. Transmission synchronizing apparatus in the broadcast system synchronizes the CA unit and the at least one service tool by instructing the CA unit to blackout a particular event from the series of broadcast events to subscribers that are refused access to the particular event and instructing the at least one service tool to provide a replacement service to the subscribers that are refused access to the particular event. Alternatively or additionally, the transmission synchronizing apparatus adjusts transmission bandwidth allocated to the series of broadcast events in response to instructing the CA unit to blackout the particular event to subscribers that are refused access to the particular event and instructing the at least one service tool to provide the replacement service to the subscribers that are refused access to the particular event. Related apparatus and method are also described.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	09/171,323		6,772,435	15-Apr-2017

P-040

NDS Limited

SYSTEM FOR BITSTREAM GENERATION

A bitstream generator including a plurality of linear feed shift registers (LFSRs) operative to generate a bit stream and including: at least a first LFSR operative, when assigned as a generator during a first time period including at least one clock cycle, to provide an output bit in each clock cycle within the first time period, and at least a second LFSR operative, when assigned as an assignor during the first time period, to provide in each clock cycle an output bit for determining assignments of at least some of the plurality of LFSRs for a second time period following the first time period, the assignments including assignment as a generator, and assignment as an assignor, and a first combiner operative to combine output bits from all of the at least a first LFSR being assigned as generators thereby to produce during each clock cycle a single output bit which is provided to the bit stream. Related apparatus and methods are also provided.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	09/691,777		6,785,389	25-Feb-2023

P-041

NDS Limited

AUTHENTICATION TECHNIQUE

In a method for verifying, by a verifier, that a prover has access to a private key associated with a public key K_p , in which the method comprises the prover generating a random number R and communicating a disguised form of the random number R to the verifier, an improvement including the prover generating the random number R based on an input received from the verifier.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	09/480,231		6,889,322	10-Jan-2020

P-043*NDS Limited***WATERMARK SYSTEM**

A method for examining an electronic representation of an item for a watermark, the method including examining at least a first electronic representation of an item for a watermark in accordance with a first watermark definition, receiving a signal indicating that a second watermark definition is to be used for examining electronic representations, and examining at least a second electronic representation of an item for a watermark in accordance with the second watermark definition. Related apparatus and methods are also provided.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	09/544,704		7,007,165	07-Apr-2020
US	C1	Granted	11/053,407		7,200,751	13-Apr-2020
US	C2	Granted	11/595,157	2007061585	7,802,100	07-Apr-2020

P-052*NDS Limited***SYSTEM FOR DATA STREAM PROCESSING**

A method for processing a data stream including receiving a transport stream (TS), storing at least a portion of the TS, the at least a portion of the TS having a beginning and including a plurality of TS packets, determining, from among the plurality of TS packets, at least one TS packet including a candidate access point, storing in an index store a byte offset of the candidate access point; and storing in the index store a plurality of indications of byte offset, each byte offset being associated with an arrival time of a received TS packet.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	09/574,096		7,106,749	18-May-2020
US	C1	Granted	11/494,153	2009/0100186	7,580,416	08-Dec-2021

P-075*NDS Limited***UNICAST/MULTICAST ARCHITECTURE**

A system and method for providing content to users including a multicast sub-system providing content to multiple users and a unicast sub-system providing content to individual users. The multicast sub-system being operative to push to each of a plurality of user communities, content relating to the community and the unicast sub-system being operative to provide on demand to a user, content which has not been previously pushed to the user.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/297,806	2004/0042479	7,631,080	19-Nov-2026

P-080*NDS Limited***SYSTEM AND METHOD FOR PRE- ENCRYPTION OF TRANSMITTED CONTENT**

A system and a method for the creation and transmission of "pre-encrypted" digital content, which is encrypted before being placed on a distributed media transmission server. Preferably a plurality of such servers are used, for example in order to be able to place such a media transmission server in physical proximity to the end user client, whether in terms of geographical proximity or proximity through the network. Use of a plurality of transmission servers also optionally enables the media content to be transmitted flexibly, according to the request of the end user through the end user client.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/344,139	2003188154	7,333,610	17-Dec-2023

P-094*NDS Limited***METHOD AND SYSTEM FOR CONTROL OF BROADCAST CONTENT ACCESS**

A method for controlling access to content, including preventing access to content that corresponds to a blacked out event, until at least one of a time criterion and payment criterion is met. Related methods and apparatus are also disclosed.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	10/182,639	2003/0126594	7,530,085	08-Sep-2025

P-104*NDS Limited***SYSTEM FOR RANDOM ACCESS TO CONTENT**

A method for accessing a desired point in time-synchronized data within a stream, the stream being associated with time information, the method including providing a desired presentation time associated with a desired point within a time-synchronized data stream, determining a stream access point, decoding the stream beginning at the stream access point, and assigning a time associated with the stream access point as a utilization time. Related apparatus and methods are also disclosed.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	10/479,373	2004/199658	7,756,201	02-Jan-2027

P-121*NDS Limited***PREVENTION OF TAMPERING IN ELECTRONIC DEVICES**

Circuitry for protection of an integrated circuit (20) which includes operational-circuits (24) formed on a chip (21). The circuitry includes a plurality of detectors (26), integrally formed on the chip as part of the integrated circuit and dispersed among the operational-circuits on the chip. The detectors are adapted, in response to radiation incident on the chip, to trigger a security measure so as to prevent tampering with the integrated circuit.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	10/516,487	2005/236683	7,498,644	13-Jan-2025

P-129*NDS Limited***METHOD AND APPARATUS FOR PREVENTING CLONING OF SECURITY ELEMENTS**

A method for preventing cloning of a genuine security element is described. The method includes associating a random number generator (RNG) in the security element with a portion of a non-volatile memory (NVM) in the security element, and activating the RNG to automatically write, during a normal operation mode of the security element, a new random number into the portion of the NVM whenever an attempt is made to write into the portion of the NVM. Any unit other than the RNG is preferably prevented from writing data into the portion of the NVM during the normal operation mode of the security element. Related apparatus and method are also described.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	10/496,444	2005/123132	7,370,192	22-Jan-2025

P-134*NDS Limited*

SECURE CLOCK

Apparatus comprising a secure time element comprising a timing device that outputs to a plurality of delay devices, wherein the delay devices have characteristic delay times which are alterable as a result of a tampering attempt to tamper therewith, and wherein a characteristic delay time of one of the delay devices changes differently from another one of the delay devices as a result of the tampering attempt.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/505,825	2005/132399	7,540,008	04-Dec-2024
US	C1	Granted	12/426,990		7,810,112	15-Apr-2023

P-139*NDS Limited*

DIGITAL CERTIFICATES

A method for producing a certificate, the certificate including data, the method including choosing a seed s , the seed s including a result of applying a function H to the data, generating a key pair (E,D) , such that $E=F(s,t)$, F being a publicly known function, and including s and t in the certificate. Related methods, and certificates produced by the various methods, are also described.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/545,737	2006/0107053	7,340,606	24-Apr-2024

P-140*NDS Limited*

GAMECAST ARCADE

An interactive method includes receiving, at a display device, background video including a multiplicity of video frames, at least one of the multiplicity of video frames including a plurality of sub-pictures, each of the plurality of sub-pictures representing an alternative background, and switching, at the display device, between a first sub-picture of the plurality of sub-pictures and a second sub-picture of the plurality of sub-pictures. Related apparatus and methods are also disclosed.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/543,765	2006/0125962	7,752,648	04-Feb-2024

P-164*NDS Limited*

SYSTEM FOR SHIELDING INTEGRATED CIRCUITS

A method for adding an additional layer to an integrated circuit, the method including providing an integrated circuit having an interconnect layer, depositing, over substantially all of an exposed surface of the integrated circuit, an additional layer of material whose conductivity can be altered, and selectively altering the conductivity of a first portion of the additional layer by selective annealing, to produce a sub-circuit in the additional layer, the sub-circuit being in operative electrical communication with the integrated circuit. Related apparatus and methods are also described.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	10/593,386	2008/0093742	7,732,321	17-Aug-2026

P-173*NDS Limited***SYSTEM FOR HANDLING PROGRAM META-DATA**

A method of accessing program meta-data is disclosed. The method includes receiving a plurality of program meta-data virtual containers, at least one of the virtual containers comprising normalized program meta-data of programs having instances in a plurality of time windows, receiving an input indicating a selected time window, the input at least one of comprises and refers to a time-window identifier identifying the selected time window, and using the time-window identifier to filter the plurality of virtual containers, so as to obtain a subset of the program meta-data which corresponds to the selected time window. Related apparatus and methods are also disclosed.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	11/663,930	2008/0092166	7,865,467	17-Dec-2027

P-180*NDS Limited***FOCUS PRIORITY IN WINDOW MANAGEMENT**

A method for managing windows in a window-based display system, the method comprising providing a plurality of windows, each window being associated with an application, at least one of the plurality of windows being able to accept focus, assigning, to each one of the plurality of windows being able to accept focus, a focus priority, assigning focus to exactly one window at any time by choosing, from among the at least one of the plurality of windows able to accept focus, a window having a highest focus priority of the windows able to accept focus, and designating the chosen window as an active window. Related apparatus and methods are also described.

		Application Number	Publication Number	Patent Number	Expiration Date
US	Granted	10/551,078	2007/0214426	7,356,775	29-Jul-2026

News Datacom Limited

P-006

News Datacom Limited

SYSTEMS USING TWO SMART CARDS

A CATV system including a CATV network and apparatus for transmitting over the CATV network information to a multiplicity of subscriber units, each including a CATV decoder and an IC card reader and writer coupled to the CATV decoder, the IC card reader and writer includes two separate IC card receptacles, such that IC cards inserted into the two separate IC card receptacles are separately accessed by the IC card reader and writer.

			Application Number	Publication Number	Patent Number	Expiration Date
US	C1	Granted	08/925,547		5,878,134	20-Jan-2015

P-019

News Datacom Limited

DIGITAL RECORDING PROTECTION SYSTEM

A system for producing an output scrambled digital data stream from an input scrambled digital data stream. The input scrambled digital data stream includes a plurality of control messages (ECMs), each ECM including coded information for generating a control word (CW) associated with the ECM and being encoded using an ECM key. The input scrambled digital data stream also includes a plurality of segments of scrambled digital data, each segment of scrambled digital data being associated with one of the plurality of ECMs and being scrambled using the CW associated with the ECM. A method for producing the output scrambled digital data stream includes replacing each of the plurality of ECMs with a corresponding transformed ECM (TECM), each corresponding TECM comprising coded information for generating the CW associated with the corresponding ECM and being encoded using a TECM key, thus producing the output scrambled digital data stream, wherein the ECM key is replaced with a new ECM key at an ECM key change time, and the TECM key is not replaced at the ECM key change time.

			Application Number	Publication Number	Patent Number	Expiration Date
US		Granted	09/014,791		6,178,242	28-Jan-2018

**SCHEDULE III
TRADEMARKS**

(A) REGISTERED TRADEMARKS

Trademark _____ Reg. No. _____ Date _____

Grantor	Mark	Reg. No. or Appln. No.	Date
NDS Limited	VIDEOGUARD	1,959,173	February 27, 1996
	NDS	2,840,447	May 11, 2004
	NDS	2,840,448	May 11, 2004

(B) TRADEMARK APPLICATIONS

Trademark _____ App. No. _____ Date _____