Neifeld Ref: SCOT0016-7

Client Ref: SCOT0016-7 US Application and filing date: Filed Herewith USPTO CONF. NO: Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE Priority claims and PCT Intl data: This application is a continuation of U.S. Application No. 14869279, filed September 29, 2015, which is a continuation of U.S. Application No. 14/256,315, filed April 18, 2014, which issued January 5, 2016 as U.S. Patent 9231980, which is a continuation of U.S. Application No. 13/796,538, filed March 12, 2013, which issued July 22, 2014 as U.S. Patent No. 8,789,201, which is a continuation of Application No. 13/413,691, filed March 7, 2012, which issued May 27, 2014 as U.S. Patent No. 8,739,295, which is a continuation of U.S. Application No. 12/287,443, filed October 9, 2008, which issued as U.S. Patent No. 8,171,561 on May 1, 2012, which is a continuation of U.S. Application No. 10/049,101, which issued as U.S. Patent No. 7,475,246 on January 6, 2009, which entered the US national stage July 23, 2002, which is a national stage entry of PCT/US00/21189, filed Aug. 4, 2000, which claims the benefit of U.S. Patent Application No. 60/147,134, filed Aug. 4, 1999, entitled, "A Secure Personal Content Server" and U.S. Patent Application No. 60/213,489, filed Jun. 23, 2000, entitled "A Secure Personal Content Server." The contents of U.S. Application No. 14869279, filed September 29, 2015, U.S. Application No. 14/256,315, filed April 18, 2014, U.S. Application No. 13/796,538, filed March 12, 2013. U.S. Application No. 13/413,691, filed March 7, 2012, U.S. Application No. 12/287,443, filed October 9, 2008, and U.S. Application No. 10/049,101, filed July 23, 2002, are incorporated by reference in their entirety.

37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

1. 37 CFR 1.25(b) SELECTED AUTHORIZATION TO CHARGE UNDERPAYMENT AND REFUND OVERPAYMENTS TO DEPOSIT ACCOUNT 50-

2106. The undersigned is an authorized signor for deposit account 50-2106 and authorizes charges for applications filed by Neifeld IP Law, PC, specified in 37 CFR 1.16 (national filing, search, exam fees); in 37 CFR 1.17 (processing, including petition fees); and 37 CFR 1.18 (post allowance, including issue fees) *except that*: the undersigned does not authorize charges for invention claims (specified in 1.16(h); (I); and (k)). The undersigned authorizes charges for a 35 USC 371 national stage entry of a PCT international application identified in 37 CFR 1.492(a)-(c) and (h)-(j), but not (d)-(g) (all fees other than invention claims fees).

2. FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$:1600

1011/4011/3011 1.16(a) Basic filing fee - Utility (electronic filing) 280.00 1111/2111/3111 1.16(k) Utility Search Fee 600.00 1311/2311/3311 1.16(o) Utility Examination Fee 720.00

3. THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH: NEW APPLICATION DOCUMENTS

Transmittal_SCOT0016-7_5-4-2017c.pdf

37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT (2 pages) 37 CFR 1.115 PRELIMINARY AMENDMENT (3 pages) Specification Claims Abstract SCOT0016-7 5-4-2017c.pdf SPECIFICATION (31 pages) CLAIMS (10 pages) ABSTRACT (1 page) DOCUMENT CONTROL PAGE (1 page) Figures SCOT0016-7 5-4-2017c.pdf FIGURES (10 pages) Declaration SCOT0016-7 5-4-2017c.pdf INVENTOR DECLARATION (37 CFR 1.63) AND ASSIGNMENT (37 CFR 1.46)FOR A PATENT APPLICATION FILED ON AND AFTER SEPTEMBER 16, 2012 (4 pages) SubstituteStatement SCOT0016-7 5-4-2017c.pdf Substitute statement in Lieu of an Oath or Declaration (2 pages) aia0014 SCOT0016-7 5-4-2017.pdf Application Data Sheet 37 CFR 1.76 (9 pages)

4. FOR INTERNAL NEIFELD IP LAW, PC USE ONLY

Disbursements: BankAcct#6, G/L 5010, check, amount, and entry date: 2591, 1600, 5/4/2017 PClaw billing matter: [SCOT0001] Service Fees: Amount/CreditAtty/entry date/Services: 400, BTM, 5/4/2017, firm charge for paying a gov. fee for application filing.

INITIALS OF PERSON WHO *ENTERED* ACCOUNTING DATA: AUTHORIZING SIGNER ON DEPOSIT ACCOUNT: **DATE:** 5/5/2017 **SIGNATURE:** /BruceMargulies/ Printed: May 5, 2017 (10:41am) Bruce Margulies, Reg. No. 64,175 Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\Transmittal_SCOT0016-7_5-4-2017.wpd Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: Filed Herewith USPTO CONF. NO: Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE Priority claims and PCT Intl data: This application is a continuation of U.S. Application No. 14869279, filed September 29, 2015, which is a continuation of U.S. Application No. 14/256,315, filed April 18, 2014, which issued January 5, 2016 as U.S. Patent 9231980, which is a continuation of U.S. Application No. 13/796,538, filed March 12, 2013, which issued July 22, 2014 as U.S. Patent No. 8,789,201, which is a continuation of Application No. 13/413,691, filed March 7, 2012, which issued May 27, 2014 as U.S. Patent No. 8,739,295, which is a continuation of U.S. Application No. 12/287,443, filed October 9, 2008, which issued as U.S. Patent No. 8,171,561 on May 1, 2012, which is a continuation of U.S. Application No. 10/049,101, which issued as U.S. Patent No. 7,475,246 on January 6, 2009, which entered the US national stage July 23, 2002, which is a national stage entry of PCT/US00/21189, filed Aug. 4, 2000, which claims the benefit of U.S. Patent Application No. 60/147,134, filed Aug. 4, 1999, entitled, "A Secure Personal Content Server" and U.S. Patent Application No. 60/213,489, filed Jun. 23, 2000, entitled "A Secure Personal Content Server." The contents of U.S. Application No. 14869279, filed September 29, 2015, U.S. Application No. 14/256,315, filed April 18, 2014, U.S. Application No. 13/796,538, filed March 12, 2013. U.S. Application No. 13/413,691, filed March 7, 2012, U.S. Application No. 12/287,443, filed October 9, 2008, and U.S. Application No. 10/049,101, filed July 23, 2002, are incorporated by reference in their entirety.

37 CFR 1.115 PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS

ALEXANDRIA, VA 22313

Dear Sir or Madam:

Prior to examination on the merits, please amend this application as follows.

I. <u>IN THE CLAIMS</u>

1. (Original) A local content server system (LCS) for creating a secure environment for digital content, comprising:

a) a communications port in communication for connecting the system via a network to at least one Secure Electronic Content Distributor (SECD), said SECD capable of storing a plurality of data sets, capable of receiving a request to transfer at least one content data set, and capable of transmitting the at least one content data set in a secured transmission,

b) a rewritable storage medium whereby content received from outside the LCS may be stored and retrieved,

c) a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS, and

d) a programmable address module which can be programmed with an identification code uniquely associated with the LCS, and

said domain processor permitting the LCS to receive digital content from outside the LCS provided the LCS first determines that the digital content being delivered to the LCS is authorized for use by the LCS.

Claims 2-31 (canceled).

II. <u>REMARKS</u>

This preliminary amendment maintains claim 1 and cancels claims 2-31 (note the original application contains two claims numbered "26" and 31 claims in total).

The specification and figures have been revised to re-label tables 1-3 as figures 8-10.

	Respectfully Submitted,
5/4/2017	/BruceMargulies/
Date	Bruce Margulies
	Registration No. 64,175

BTM

Printed: May 5, 2017 (10:41am) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\Transmittal_SCOT0016-7_5-4-2017.wpd

SECURE PERSONAL CONTENT SERVER

CROSS REFERENCE TO RELATED APPLICATIONS

[0000] This application is a continuation of U.S. Application No. 14869279, filed September 29, 2015, which is a continuation of U.S. Application No. 14/256,315, filed April 18, 2014, which issued January 5, 2016 as U.S. Patent 9231980, which is a continuation of U.S. Application No. 13/796,538, filed March 12, 2013, which issued July 22, 2014 as U.S. Patent No. 8,789,201, which is a continuation of Application No. 13/413,691, filed March 7, 2012, which issued May 27, 2014 as U.S. Patent No. 8,739,295, which is a continuation of U.S. Application No. 12/287,443, filed October 9, 2008, which issued as U.S. Patent No. 8,171,561 on May 1, 2012, which is a continuation of U.S. Application No. 10/049,101, which issued as U.S. Patent No. 7,475,246 on January 6, 2009, which entered the US national stage July 23, 2002, which is a national stage entry of PCT/US00/21189, filed Aug. 4, 2000, which claims the benefit of U.S. Patent Application No. 60/147,134, filed Aug. 4, 1999, entitled, "A Secure Personal Content Server" and U.S. Patent Application No. 60/213,489, filed Jun. 23, 2000, entitled "A Secure Personal Content Server." The contents of U.S. Application No. 14869279, filed September 29, 2015, U.S. Application No. 14/256,315, filed April 18, 2014, U.S. Application No. 13/796,538, filed March 12, 2013, U.S. Application No. 13/413,691, filed March 7, 2012, U.S. Application No. 12/287,443, filed October 9, 2008, and U.S. Application No. 10/049,101, filed July 23, 2002, are incorporated by reference in their entirety.

FIELD OF INVENTION

[0001] The present invention relates to the secure distribution of digitized value-added information, or media content, while preserving the ability of publishers to make available unsecured versions of the same value-added information, or media content, without adverse effect to the systems security.

[0002] Authentication, verification and authorization are all handled with a combination of

cryptographic and steganographic protocols to achieve efficient, trusted, secure exchange of digital information.

[0004] This application also incorporates by reference the following applications: pending U.S. patent application Ser. No. 08/999,766, filed Jul. 23, 1997, entitled "Steganographic Method and Device"; pending U.S. patent application Ser. No. 08/772,222, filed Dec. 20, 1996, entitled "Z-Transform Implementation of Digital Watermarks" (issued as U.S. Pat. No. 6,078,664); pending U.S. patent application Ser. No. 09/456,319, filed Dec. 8, 1999, entitled "Z-Transform Implementation of Digital Watermarks" (issued as U.S. Pat. No. 6,853,726); pending U.S. patent application Ser. No. 08/674,726, filed Jul. 2, 1996, entitled "Exchange Mechanisms for Digital Information Packages with Bandwidth Securitization, Multichannel Digital Watermarks, and Key Management" (issued as U.S. Pat. No. 7,362,775); pending U.S. patent application Ser. No. 09/545,589, filed Apr. 7, 2000, entitled "Method and System for Digital Watermarking" (issued as U.S. Pat. No. 7,007,166); pending U.S. patent application Ser. No. 09/046,627, filed Mar. 24, 1998, entitled "Method for Combining Transfer Function with Predetermined Key Creation" (issued as U.S. Pat. No. 6,598,162); pending U.S. patent application Ser. No. 09/053,628, filed Apr. 2, 1998, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking" (issued as U.S. Pat. No. 6,205,249); pending U.S. patent application Ser. No. 09/281,279, filed Mar. 30, 1999, entitled "Optimization Methods for the Insertion, Protection, and Detection . . . " (issued as U.S. Pat. No. 6,522,767); U.S. patent application Ser. No. 09/594,719, filed Jun. 16, 2000, entitled "Utilizing Data Reduction in Steganographic and Cryptographic Systems" (issued as U.S. Pat. No. 7,123,718) (which is a continuation-in-part of PCT application No. PCT/US00/06522, filed 14 Mar. 2000, which PCT application claimed priority to U.S. Provisional Application No. 60/125,990, filed 24 Mar. 1999); and U.S. patent application Ser. No. 09/731,040 (Attorney Docket No. 031838.0010), entitled "Systems, Methods and Devices for Trusted Transactions," filed Dec. 7, 2000 (issued as U.S. Pat. No. 7,159,116) which claimed priority to U.S. Application No. 60/169,274, filed Dec. 7, 1999, entitled "Systems, Methods And Devices For Trusted Transactions." All of the patent applications previously identified in this paragraph are hereby incorporated by reference, in their entireties, as if fully stated herein.

BACKGROUND OF THE INVENTION

[0005] The music industry is at a critical inflection point. Digital technology enables anyone to make perfect replica copies of musical recordings from the comfort of their home, or as in some circumstances, in an offshore factory. Internet technology enables anyone to distribute these copies to their friends, or the entire world. Indeed, virtually any popular recording is already likely available in the MP3 format, for free if you know where to look.

[0006] How the industry will respond to these challenges and protect the rights and livelihoods of copyright owners and managers and has been a matter of increasing discussion, both in private industry forums and the public media. Security disasters like the cracking of DVD-Video's CSS security system have increased doubt about the potential for effective robust security implementations. Meanwhile, the success of non-secure initiatives such as portable MP3 players lead many to believe that these decisions may have already been made.

[0007] Music consumers have grown accustomed to copying their music for their own personal use. This fact of life was written into law in the United States via the Audio Home Recording Act of 1992. Millions of consumers have CD players and purchase music in the Compact Disc format. It is expected to take years for a format transition away from Red Book CD Audio to reach significant market penetration.

[0008] Hence, a need exists for a new and improved system for protecting digital content against unauthorized copying and distribution.

SUMMARY OF THE INVENTION

[0009] A local content server system (LCS) for creating a secure environment for digital content is disclosed, which system comprises: a communications port in communication for connecting the LCS via a network to at least one Secure Electronic Content Distributor (SECD), which SECD is capable of storing a plurality of data sets, is capable of receiving a request to transfer at least one content data set, and is capable of transmitting the at least one content data set in a secured transmission; a rewritable storage medium whereby content received from outside the LCS may be stored and retrieved; a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS; and a programmable address module which can be programmed with an identification code uniquely associated with the LCS. The LCS is provided with rules and procedures for accepting and transmitting content data. Optionally, the system may further comprise: an interface to permit the LCS to communicate with one or more Satellite Units (SU) which may be connected to the system through the interface, which SUs are capable of receiving and transmitting digital content; at least one SU; and/or at least one SECD. The SECD may have a storage device for storing a plurality of data sets, as well as a transaction processor for validating the request to purchase and for processing payment for a request to retrieve one of the data sets. The SECD typically includes a security module for encrypting or otherwise securitizing data which the SECD may transmit.

[0010] A method for creating a secure environment for digital content for a consumer is also disclosed. As part of the method, a LCS requests and receives a digital data set that may be encrypted or scrambled. The digital data set may be embedded with at least one robust open watermark, which permits the content to be authenticated. The digital data set is preferably be embedded with additional watermarks which are generated using information about the LCS requesting the copy and/or the SECD which provides the copy. Once received by the LCS, the LCS exercises control over the content and only releases the data to authorized users. Generally, the data is not released until the LCS embeds at least one additional watermark based upon protected information associated with the LCS and/or information associated with the user.

[0011] Another embodiment of the method of the present invention comprises: connecting a Satellite Unit to an local content server (LCS), sending a message indicating that the SU is requesting a copy of a content data set that is stored on the LCS, said message including information about the identity of the SU; analyzing the message to confirm that the SU is authorized to use the LCS; retrieving a copy of the requested content data set; assessing whether a secured connection exists between the LCS and the SU; if a secured connection exists, embedding a watermark into the copy of the requested content data set, said watermark being created based upon information transmitted by the SU and information about the LCS; and delivering the content data set to the SU for its use.

[0012] The SU may also request information that is located not on the LCS, but on an SECD, in which case, the LCS will request and obtain a copy from the SECD, provided the requesting SU is authorized to access the information.

[0013] Digital technology offers economies of scale to value-added data not possible with physical or tangible media distribution. The ability to digitize information both reduces the cost of copying and enables perfect copies. This is an advantage and a disadvantage to commercial publishers who must weigh the cost reduction against the real threat of unauthorized duplication of their value-added data content. Because cost reduction is an important business consideration, securing payment and authenticating individual copies of digital information (such as media content) presents unique opportunities to information service and media content providers. The present invention seeks to leverage the benefits of digital distribution to consumers and publishers alike, while ensuring the development and persistence of trust between all parties, as well as with any third parties involved, directly or indirectly, in a given transaction.

[0014] In another approach that is related to this goal, there are instances where transactions must be allowed to happen after perceptually-based digital information can be authenticated. (Perceptually based information is information whose value is in large part, based upon its ability to be perceived by a human, and includes for example, acoustic, psychoacoustic, visual and psychovisual information.) The process of authenticating before distributing will become increasingly important for areas where the distributed material is related to a trust-requiring transaction event. A number of examples exist. These include virtual retailers (for example, an on-line music store selling CDs and electronic versions of songs); service providers (for example, an on-line bank or broker who performs transactions on behalf of a consumer); and transaction providers (for example, wholesalers or auction houses). These parties have different

authentication interests and requirements. By using the teachings of this application, these interests and requirements may be separated and then independently quantified by market participants in shorter periods of time.

[0015] All parties in a transaction must authenticate information that is perceptually observable before trust between the parties can be established. In today's world, information (including perceptually rich information) is typically digitized, and as a result, can easily be copied and redistributed, negatively impacting buyers, sellers and other market participants. Unauthorized redistribution confuses authenticity, non-repudiation, limit of ability and other important "transaction events." In a networked environment, transactions and interactions occur over a transmission line or a network, with buyer and seller at different points on the line or network. While such electronic transactions have the potential to add value to the underlying information being bought and sold (and the potential to reduce the cost of the transaction), instantaneous piracy can significantly reduce the value of the underlying data, if not wholly destroy it. Even the threat of piracy tends to undermine the value of the data that might otherwise exist for such an electronic transaction.

[0016] Related situations range from the ability to provably establish the "existence" of a virtual financial institution to determining the reliability of an "electronic stamp." The present invention seeks to improve on the prior art by describing optimal combinations of cryptographic and steganographic protocols for "trusted" verification, confidence and non-repudiation of digitized representations of perceptually rich information of the actual seller, vendor or other associated institutions which may not be commercial in nature (confidence building with logo's such as the SEC, FDIC, Federal Reserve, FBI, etc. apply). To the extent that an entity plays a role in purchase decisions made by a consumer of goods and services relating to data, the present invention has a wide range of beneficial applications. One is enabling independent trust based on real world representations that are not physically available to a consumer or user. A second is the ability to match informational needs between buyers and sellers that may not be universally appealing or cost effective in given market situations. These include auction models based on recognition of the interests or demand of consumers and market participants which make trading

profitable by focusing specialized buyers and sellers. Another use for the information matching is to establish limits on the liability of such institutions and profit-seeking entities, such as insurance providers or credit companies. These vendors lack appropriate tools for determining intangible asset risk or even the value of the information being exchanged. By encouraging separate and distinct "trust" arrangements over an electronic network, profitable market-based relationships can result.

[0017] The present invention can make possible efficient and openly accessible markets for tradable information. Existing transaction security (including on-line credit cards, electronic cash or its equivalents, electronic wallets, electronic tokens, etc.) which primarily use cryptographic techniques to secure a transmission channel--but are not directly associated or dependent on the information being sold--fails to meet this valuable need. The present invention proposes a departure from the prior art by separating transactions from authentication in the sale of digitized data. Such data may include videos, songs, images, electronic stamps, electronic trademarks, and electronic logos used to ensure membership in some institutional body whose purpose is to assist in a dispute, limit liability and provide indirect guidance to consumers and market participants, alike.

[0018] With an increasingly anonymous marketplace, the present invention offers invaluable embodiments to accomplish "trusted" transactions in a more flexible, transparent manner while enabling market participants to negotiate terms and conditions. Negotiation may be driven by predetermined usage rules or parameters, especially as the information economy offers potentially many competitive marketplaces in which to transact, trade or exchange among businesses and consumers. As information grows exponentially, flexibility becomes an advantage to market participants, in that they need to screen, filter and verify information before making a transaction decision. Moreover, the accuracy and speed at which decisions can be made reliably enables confidence to grow with an aggregate of "trusted transactions". "Trusted transactions" beget further "trusted transactions" through experience. The present invention also provides for improvements over the prior art in the ability to utilize different independently important "modules" to enable a "trusted transaction" using competitive cryptographic and steganographic elements, as well as being able to support a wide variety of perceptually-based media and information formats. The envisioned system is not bound by a proprietary means of creating recognition for a good or service, such as that embodied in existing closed system. Instead, the flexibility of the present invention will enable a greater and more diverse information marketplace.

[0019] The present invention is not a "trusted system", per se, but "trusted transactions" are enabled, since the same value-added information that is sought may still be in the clear, not in a protected storage area or closed, rule-based "inaccessible virtual environment".

[0020] A related additional set of embodiments regards the further separation of the transaction and the consumer's identification versus the identification of the transaction only. This is accomplished through separated "trusted transactions" bound by authentication, verification and authorization in a transparent manner. With these embodiments, consumer and vendor privacy could be incorporated. More sophisticated relationships are anticipated between parties, who can mix information about their physical goods and services with a transparent means for consumers, who may not be known to the seller, who choose not to confide in an inherently closed "trusted system" or provide additional personal information or purchasing information (in the form of a credit card or other electronic payment system), in advance of an actual purchase decision or ability to observe (audibly or visibly) the content in the clear. This dynamic is inconsistent with the prior art's emphasis on access control, not transparent access to value-added information (in the form or goods or services), that can be transacted on an electronic or otherwise anonymous exchange.

[0021] These embodiments may include decisions about availability of a particular good or service through electronic means, such as the Internet, or means that can be modularized to conduct a transaction based on interconnection of various users (such as WebTV, a Nintendo or Sony game console with network abilities, cellular phone, PalmPilot, etc.). These embodiments may additionally be implemented in traditional auction types (including Dutch auctions). Consumers may view their anonymous marketplace transactions very differently because of a lack of physical human interactions, but the present invention can enable realistic transactions to occur by maintaining open access and offering strict authentication and verification of the information being traded. This has the effect of allowing legacy relationships, legacy information, and legacy business models to be offered in a manner which more closely reflects many observable transactions in the physical world. The tremendous benefits to sellers and consumers is obvious; existing transactions need not reduce their expectations of security. As well, the ability to isolate and quantify aspects of a transaction by module potentially allows for better price determinations of intangible asset insurance, transaction costs, advertising costs, liability, etc. which have physical world precedent.

[0022] It is contemplated that the publisher and/or owner of the copyrights will want to dictate restrictions on the ability of the purchaser to use the data being sold. Such restrictions can be implemented through the present invention, which presents a significant advantage over the prior art (which attempts to effect security through access control and attempted tight reigns over distribution). See U.S. Pat. No. 5,428,606 for a discussion on democratizing digital information exchange between publishers and subscribers of said information.

[0023] A goal for providers of value-added content is to maximize profits for the sale of their content. Marketing and promotion of the informational content cannot be eliminated, considering the ever-increasing amount of information vying for consumers and other market participant's attention. Nonetheless, in a market where the goods are speculatively valued, marketing budgets are inherently constrained, as you are trying to create demand for a product with little inherent value. Where such markets have participants, both buyers and sellers and their respective agents, with access to the same information in real time, market mechanisms efficiently price the market goods or services. These markets are characterized by "price commoditization" so buyers and sellers are limited to differentiating their offerings by selection and service. If the markets are about information itself, it has proven more difficult to accurately forecast the target price where sellers can maximize their profits. Quality and quantity provide different evaluation criteria of selection and service relating to the information being traded. The present invention regards a particular set of implementations of value-added content security in markets which may include

unsecured and secure versions of the same value-added data (such as songs, video, research, pictures, electronic logos, electronic trademarks, value-added information, etc.).

[0024] Transactions for value-added information can occur without any physical location. So, there is a need for a secure personal content server for which the value added information can be offered for transactions in a manner similar to real world transactions. One feature is to offer seemingly similar value added information in differing quality settings. These settings have logical relationships with fidelity and discreteness and are determined by market participants. Another issue is that because purchasers may be anonymous to sellers, it is more important to have a particular value-added information object available so that market participants can fulfill their role are consumers.

[0025] One fundamental weakness of current information markets is the lack of mechanisms to ensure that buyers and sellers can reach pricing equilibrium. This deficit is related to the "speculative", "fashion", and "vanity" aspects of perceptual content (such as music, video, and art or some future recognition to purchasers). For other goods and services being marketed to an anonymous marketplace, market participants may never see (and indeed, may choose to never see, an actual location where the transaction may physically occur. A physical location may simply not exist. There are a number of such virtual operations in business today, which would benefit from the improvements offered under the present system.

[0026] The present invention also seeks to provide improvements to the art in enabling a realistic model for building trust between parties (or their agents) not in a "system", per se. Because prior art systems lack any inherent ability to allow for information to flow freely to enable buyers and sellers to react to changing market conditions. The present invention can co-exist with these "trusted systems" to the extent that all market participants in a given industry have relatively similar information with which to price value-added data. The improvement over such systems, however, addresses a core features in most data-added value markets: predictions, forecasts, and speculation over the value of information is largely an unsuccessful activity for buyers and sellers alike. The additional improvement is the ability to maintain security even with unsecured

or legacy versions of value-added information available to those who seek choices that fit less quantitative criteria--"aesthetic quality" of the information versus "commercial price". Purchase or transaction decisions can be made first by authenticating an electronic version of a song, image, video, trademark, stamp, currency, etc.

[0027] Additional anticipated improvements include the ability to support varying pricing models such as auctions that are difficult or impossible to accomplish under existing prior art that leaves all access and pricing control with the seller alone, and the separation of the transaction from the exchange of the value-added information, which gives more control to buyers over their identities and purchasing habits, (both sensitive and separately distinct forms of "unrelated" value-added information). Essentially, no system known in the art allows for realistic protocols to establish trust between buyers and sellers in a manner more closely reflecting actual purchasing behavior of consumers and changing selling behavior of sellers. The goal in such transactions is the creation of trust between parties as well as "trusted relationships" with those parties. The present invention is an example of one such system for media content where the "aesthetic" or "gestalt" of the underlying content and its characteristics is a component of buying habits. Without an ability to open distribution systems to varying buyers and sellers, media content may be priced at less than maximum economic value and buyers may be deprived of a competitive, vigorous marketplace for exciting media content from many different creative participants.

[0028] To the extent that recognition plays such a key role in an information economy, value-added data should be as accessible as possible to the highest number of market participants in the interests of furthering creativity and building a competitive marketplace for related goods and services. This is to the benefit of both buyers and sellers as well as the other participants in such an economic ecosystem. The Internet and other transmission-based transactions with unknown parties presents a number of challenges to information vendors who wish to develop customer relations, trust and profitable sales. The information economy is largely an anonymous marketplace, thus, making it much more difficult to identify consumers and sellers. The present invention provides remedies to help overcome these weaknesses.

[0029] The present invention is concerned with methods and systems which enable secure, paid exchange of value-added information, while separating transaction protocols. The present invention improves on existing means for distribution control by relying on authentication, verification and authorization that may be flexibly determined by both buyers and sellers. These determinations may not need to be predetermined, although pricing matrix and variable access to the information opens additional advantages over the prior art. The present invention offers methods and protocols for ensuring value-added information distribution can be used to facilitate trust in a large or relatively anonymous marketplace (such as the Internet's World Wide Web).

[0030] We now define components of the preferred embodiments for methods, systems, and devices.

[0031] DEFINITIONS

[0032] Local Content Server (LCS): A device or software application which can securely store a collection of value-added digital content. The LCS has a unique ID.

[0033] Secure Electronic Content Distributor (SECD): An entity, device or software application which can validate a transaction with a LCS, process a payment, and deliver digital content securely to a LCS. In cryptographic terms, the SECD acts as a "certification authority" or its equivalent. SECDs may have differing arrangements with consumers and providers of value-added information. (The term "content" is used to refer generally to digital data, and may comprise video, audio, or any other data that is stored in a digital format).

[0034] Satellite Unit (SU): A portable medium or device which can accept secure digital content from a LCS through a physical, local connection and which can either play or make playable the digital content. The SU may have other functionality as it relates to manipulating the content, such as recording. The SU has a unique ID. An SU may be a CD player, a video camera, a backup drive, or other electronic device which has a storage unit for digital data. [0035] LCS Domain: A secure medium or area where digital content can be stored, with an accompanying rule system for transfer of digital content in and out of the LCS Domain. The domain may be a single device or multiple devices--all of which have some common ownership or control. Preferably, a LCS domain is linked to a single purchasing account. Inside the domain, one can enjoy music or other digital data without substantial limitations--as typically a license extends to all personal use.

[0036] SecureChannelTM: A secure channel to pass individualized content to differentiate authentic content from legacy or unauthorized, pirated content. For example, the Secure Channel may be used as an auxiliary channel through which members of the production and distribution chain may communicate directly with individual consumers. Preferably, the Secure Channel is never exposed and can only be accessed through legitimate methods. SecureChannel may carry a value-adding component (VAC). The ability to provide consumers with value adding features will serve to give consumers an incentive to purchase new, secure hardware and software that can provide the additional enhanced services. The SecureChannel may also include protected associated data ("PAD")--data which is associated with a user and/or a particular set of content.

[0037] Standard Quality: A transfer path into the LCS Domain which maintains the digital content at a predetermined reference level or degrades the content if it is at a higher quality level. In an audio implementation, this might be defined as Red Book CD Quality (44100 Hz., 16 bits, 2 channels). This transfer path can alternately be defined in terms of a subset of VAC's or a quality level associated with particular VAC's. If a VAC is not in the subset, it is not passed. If a VAC is above the defined quality level, it is degraded.

[0038] Low Quality: A transfer path into the LCS Domain which degrades the digital content to a sub-reference level. In an audio implementation, this might be defined as below CD Quality (for instance, 32000 Hz., 16 bits, 2 channels). This transfer path can alternately be defined in terms of an absence of VAC's or a degraded quality level associated with particular VAC's.

[0039] High Quality: A transfer path into the LCS Domain which allows digital content of any

quality level to pass unaltered. This transfer path can alternately be defined in terms of a complete set of VAC's or the highest quality level available associated with particular VAC's.

[0040] Rewritable Media: An mass storage device which can be rewritten (e.g. hard drive, CD-RW, Zip cartridge, M-O drive, etc. . . .).

[0041] Read-Only Media: A mass storage device which can only be written once (e.g. CD-ROM, CD-R, DVD, DVD-R, etc. . . .). Note: pre-recorded music, video, software, or images, etc. are all "read only" media.

[0042] Unique ID: A Unique ID is created for a particular transaction and is unique to that transaction (roughly analogous to a human fingerprint). One way to generate a Unique ID is with a one-way hash function. Another way is by incorporating the hash result with a message into a signing algorithm will create a signature scheme. For example, the hash result may be concatenated to the digitized, value added information which is the subject of a transaction. Additional uniqueness may be observed in a hardware device so as to differentiate that device, which may be used in a plurality of transactions, from other similar devices.

[0043] Value-added: Value-added information is differentiated from non-commoditized information in terms of its marketability or demand, which can vary, obviously, from each market that is created for the information. By way of example, information in the abstract has no value until a market is created for the information (i.e., the information becomes a commodity). The same information can be packaged in many different forms, each of which may have different values. Because information is easily digitized, one way to package the "same" information differently is by different levels of fidelity and discreteness. Value is typically bounded by context and consideration.

[0044] Authentication: A receiver of a "message" (embedded or otherwise within the value-added information) should be able to ascertain the original of the message (or by effects, the origin of the carrier within which the message is stored). An intruder should not be able to

successfully represent someone else. Additional functionality such as Message Authentication Codes (MAC) could be incorporated (a one-way hash function with a secret key) to ensure limited verification or subsequent processing of value-added data.

[0045] Verification: In cryptographic terms, "verification" serves the "integrity" function to prevent an intruder from substituting false messages for legitimate ones. In this sense, the receiver of the message (embedded or otherwise present within the value-added information) should be assured that the message was not modified or altered in transit.

[0046] One-way hash function: One-way hash functions are known in the art. A hash function is a function which converts an input into an output, which is usually a fixed-sized output. For example, a simple hash function may be a function which accepts a digital stream of bytes and returns a byte consisting of the XOR function of all of the bytes in the digital stream of input data. Roughly speaking, the hash function may be used to generate a "fingerprint" for the input data. The hash function need not be chosen based on the characteristics of the input. Moreover, the output produced by the hash function (i.e., the "hash") need not be secret, because in most instances it is not computationally feasible to reconstruct the input which yielded the hash. This is especially true for a "one-way" hash function--one that can be used to generate a hash value for a given input string, but which hash cannot be used (at least, not without great effort) to create an input string that could generate the same hash value.

[0047] Authorization: A term which is used broadly to cover the acts of conveying official sanction, permitting access or granting legal power to an entity.

[0048] Encryption: For non digitally-sampled data, encryption is data scrambling using keys. For value-added or information rich data with content characteristics, encryption is typically slow or inefficient because content file sizes tend to be generally large. Encrypted data is called "ciphertext".

[0049] Scrambling: For digitally-sampled data, scrambling refers to manipulations of the

value-added or information rich data at the inherent granularity of the file format. The manipulations are associated with a key, which may be made cryptographically secure or broken into key pairs. Scrambling is efficient for larger media files and can be used to provide content in less than commercially viable or referenced quality levels. Scrambling is not as secure as encryption for these applications, but provides more fitting manipulation of media rich content in the context of secured distribution. Scrambled data is also called "ciphertext" for the purposes of this invention. Encryption generally acts on the data as a whole, whereas scrambling is applied often to a particular subset of the data concerned with the granularity of the data, for instance the file formatting. The result is that a smaller amount of data is "encoded" or "processed" versus strict encryption, where all of the data is "encoded" or "processed." By way of example, a cable TV signal can be scrambled by altering the signal which provides for horizontal and vertical tracking, which would alter only a subset of the data, but not all of the data--which is why the audio signal is often untouched. Encryption, however, would generally so alter the data that no recognizable signal would be perceptually appreciated. Further, the scrambled data can be compared with the unscrambled data to yield the scrambling key. The difference with encryption is that the ciphertext is not completely random, that is, the scrambled data is still perceptible albeit in a lessened quality. Unlike watermarking, which maps a change to the data set, scrambling is a transfer function which does not alter or modify the data set.

DETAILED DISCUSSION OF INVENTION

[0050] The LCS Domain is a logical area inside which a set of rules governing content use can be strictly enforced. The exact rules can vary between implementations, but in general, unrestricted access to the content inside the LCS Domain is disallowed. The LCS Domain has a set of paths which allow content to enter the domain under different circumstances. The LCS Domain also has paths which allow the content to exit the domain.

[0051] A simple example provides insight into the scope of an LCS domain. If an LCS is assigned to an individual, then all music, video, and other content data which has lawfully issued to the individual may be freely used on that persons LCS domain (though perhaps "freely" is

misleading, as in theory, the individual has purchased a license). A LCS Domain may comprise multiple SUs, for example, a video player, a CD player, etc. An individual may be authorized to take a copy of a song and play it in another's car stereo, but only while the individual's device or media is present. Once the device is removed, the friend's LCS will no longer have a copy of the music to play.

[0052] The act of entering the LCS Domain includes a verification of the content (an authentication check). Depending upon the source of the content, such verification may be easier or harder. Unvalidateable content will be subjected to a quality degradation. Content that can be validated but which belongs to a different LCS Domain will be excluded. The primary purpose of the validation is to prevent unauthorized, high-quality, sharing of content between domains.

[0053] When content leaves the LCS Domain, the exiting content is embedded with information to uniquely identify the exiting content as belonging to the domain from which the content is leaving. It is allowed to leave at the quality level at which the content was originally stored in the LCS Domain (i.e. the quality level determined by the validation path). For example, the exiting content may include an embedded digital watermark and an attached hash or digital signature; the exiting content may also include a time stamp--which itself may be embedded or merely attached). Once it has exited, the content cannot return to the domain unless both the watermark and hash can be verified as belonging to this domain. The presence of one or the other may be sufficient to allow re-entry, or security can be set to require the presence of more than one identification signal.

[0054] This system is designed to allow a certifiable level of security for high-quality content while allowing a device to also be usable with unsecured content at a degraded quality level. The security measures are designed such that a removal of the watermark constitutes only a partial failure of the system. The altered content (i.e., the content from which the watermark has been removed or the content in which the watermark has been degraded) will be allowed back into the LCS Domain, but only at a degraded quality level, a result of the watermark destruction and subsequent obscurity to the system, consumers will not be affected to the extent that the unauthorized content has only been degraded, but access has not been denied to the content. Only a complete forgery of a cryptographically-secure watermark will constitute a complete failure of the system. For a discussion on such implementations please see U.S. Pat. No. 5,613,004, U.S. Pat. No. 5,687,236, U.S. Pat. No. 5,745,569, U.S. Pat. No. 5,822,432, U.S. Pat. No. 5,889,868, U.S. Pat. No. 5,905,800, included by reference in their entirety and pending U.S. patent applications with Ser. No. 09/046,627 "Method for Combining Transfer Function . . . " (issued as U.S. Pat. No. 6,598,162), Ser. No. 09/053,628 "Multiple Transform Utilization and Application for Secure Digital Watermarking" (issued as U.S. Pat. No. 6,205,249), Ser. No. 08/775,216 "Steganographic Method and Device" (issued as U.S. Pat. No. 6,078,664), Ser. No. 60/125,990 "Utilizing Data Reduction in Steganographic and Cryptographic Systems" which corresponds to U.S. patent application Ser. No. 09/594,719, filed Jun. 16, 2000, entitled "Utilizing Data Reduction in Steganographic Systems" (issued as U.S. Pat. No. 7,123,718).

[0055] Provable security protocols can minimize this risk. Thus the embedding system used to place the watermark does not need to be optimized for robustness, only for imperceptibility (important to publishers and consumers alike) and security (more important to publishers than to consumers). Ideally, as previously disclosed, security should not obscure the content, or prevent market participants from accessing information, which in the long term, should help develop trust or create relationships.

[0056] The system can flexibly support one or more "robust" watermarks as a method for screening content to speed processing. Final validation, however, relies upon the fragile, secure watermark and its hash or digital signature (a secure time stamp may also be incorporated). Fragile watermarks, meaning that signal manipulations would affect the watermark, may be included as a means to affect the quality of the content or any additional attributes intended to be delivered to the consumer.

[0057] LCS Functions

[0058] The LCS provides storage for content, authentication of content, enforcement of export rules, and watermarking and hashing of exported content. Stored content may be on an accessible rewritable medium, but it must be stored as ciphertext (encrypted or scrambled), not plain text, to prevent system-level extraction of the content. This is in contrast to the prior art which affix or otherwise attach meta-data to the content for access control by the variously proposed systems.

[0059] Typically, an LCS receives secured data from one or more SECDs. The SECD transfers content only after it has been secured. For example, the SECD may use an individualized cryptographic container to protect music content while in transit. Such a container may use public/private key cryptography, ciphering and/or compression, if desired.

[0060] The LCS may be able to receive content from a SECD, and must be able to authenticate content received via any of the plurality of implemented paths. The LCS must monitor and enforce any rules that accompany received content, such as number of available copies. Finally, it is preferred for the LCS to watermark all exported material (with the exception of Path 6--see below) and supply a hash made from the unique ID of the LCS and the content characteristics (so as to be maintained perceptually within the information and increase the level of security of the watermark).

[0061] SU Functions

[0062] The SU enables the content to be usable away from the LCS. The SU is partially within the LCS Domain. A protocol must exist for the SU and LCS to authenticate any connection made between them. This connection can have various levels of confidence set by the level of security between the SU and LCS and determinable by a certification authority or its equivalent, an authorized site for the content, for example. The transfer of content from the SU to the LCS without watermarking is allowed. However, all content leaving the SU must be watermarked. Preferably, the SU watermark contains a hash generated from the SU's Unique ID and the content characteristics of the content being transferred. If the content came from a LCS, the SU watermark must also be generated based, in part, upon the hash received from the LCS. The LCS and SU watermarking procedures do not need to be the same. However, the LCS must be able to read the SU watermarks for all different types of SU's with which it can connect. The SU does not need to be able to read any LCS watermarks. Each LCS and SU must have separate Unique IDs.

[0063] Sample Embodiment

[0064] BRIEF DESCRIPTION OF THE DRAWINGS

[0065] For a more complete understanding of the present invention, the objects and advantages thereof, reference is now made to the following descriptions taken in connection with the accompanying drawings in which:

[0066] FIG. 1 shows in block diagram form a system for one embodiment of an LCS, showing the possible paths for content to enter and exit the system.

[0067] FIG. 2 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when content enters the LCS Domain from the rewritable media.

[0068] FIG. 3 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when content enters the LCS Domain from the read-only media.

[0069] FIG. 4 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when content enters the LCS Domain from the satellite unit.

[0070] FIG. 5 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when content leaves the LCS Domain.

[0071] FIG. 6 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when

content leaves the LCS Domain from the read-only media.

[0072] FIG. 7 is flow diagram illustrating the functions performed by the LCS of FIG. 1 when content leaves the SU to a receiver other than the LCS.

[0073] FIG 8 is a sample embodiment for an SPCS Audio Server, and in particular shows how secured content packages are created as downloadable units. "PAD" refers to "Protected Associated Data".

[0074] FIG 9 is a sample embodiment for an SPCS Audio Server, and in particular shows how the LCS works on the input side for an SPCS Audio Server. "PAD" refers to "Protected Associated Data".

[0075] FIG 10 is a sample embodiment for an SPCS Audio Server, and in particular shows how the LCS works on the output side. "PAD" refers to "Protected Associated Data".

[0076] DETAILED DESCRIPTION OF THE INVENTION

[0077] The preferred embodiment of the present invention and its advantages are best understood by referring to FIGS. 1 through 7 of the drawings, like numerals being used for like and corresponding parts of the various drawings.

[0078] FIG. 1 is a block diagram showing the components of a sample LCS system and showing the possible paths for content to enter and leave the LCS. In the embodiment of FIG. 1, the LCS is a general purpose computing device such as a PC with software loaded to emulate the functions of a LCS. The LCS of FIG. 1 has a Rewritable media (such as a hard drive), a Read-Only media (such as a CD-ROM drive), and software to control access (which software, in effect, defines the "LCS Domain"). The Secure Electronic Content Distributor (SECD) is connected via a network (such as the Internet, intranet, cable, satellite link, cellular communications network, or other commonly accepted network). The Satellite Unite (SU) is a

portable player which connects to the LCS and/or to other players where applicable (for example by way of a serial interface, USB, IEEE 1394, infrared, or other commonly used interface protocol). FIG. 1 also identifies seven (7) path ways.

[0079] Path 1 depicts a secure distribution of digital content from a SECD to a LCS. The content can be secured during the transmission using one or more 'security protocols' (e.g., encryption or scrambling). Moreover, a single LCS may have the capability to receive content transmissions from multiple SECDs, and each SECD may use the same security protocols or different security protocols. In the context of FIG. 1, however, only a single SECD is displayed. It is also contemplated that the same SECD may periodically or randomly use different security protocols. A typical security protocol uses an asymmetric cryptographic system, an example being a public key cryptography system where private and public key pairs allow the LCS to authenticate and accept the received content. Another security protocol may involve the ability to authenticate the received content using a signature scheme.

[0080] In FIG. 2, content enters the LCS Domain from the rewritable media (such as a hard drive). This communication path is identified as Path 2 on FIG. 1. The LCS Domain analyzes the content to determine if a watermark is present in the content. If no watermark is present, then the quality of the content is downgraded to Low Quality before it is stored in the LCS Storage. If a watermark is present, then the watermark is extracted and compared with the watermark of the LCS in order to determine if a match exists. In the event of a match, the content is permitted to be stored on the LCS Storage at the same level of quality which the content entered the LCS Domain. Optionally, if a watermark is present, the hash may be checked as further verification; and if the hash matches, the content is allowed in at High Quality. If it does not match, the content is rejected. If the extracted watermark does not match the expected watermark, then the content is denied access to the LCS Storage (i.e., the content is rejected).

[0081] In FIG. 3, content enters the LCS Domain from the Read-Only media. This communication path is identified as Path 3 on FIG. 1. The LCS Domain analyzes the content to determine if a watermark is present in the content. If no watermark is present, then the LCS

attempts to further analyze the content using other methods (i.e., other than watermarking) to try and verify the content for originality. If the content cannot be verified or is deemed to have been altered, then the content is downgraded to Standard Quality (or even Low Quality) before it is stored in the LCS Storage. If a watermark is present, then the watermark is extracted and compared with the watermark of the LCS in order to determine if a match exists. In the event of a match, or in the event that the content is verified by means other than the watermark, the content is permitted to be stored on the LCS Storage at the same level of quality which the content entered the LCS Domain (which is likely to be High Quality). For example, the Read-Only media may also contain a media-based identifier which verifies the content as an original, as opposed to a copy--and hence, a non-watermark method may be used to verify authenticity.

[0082] Optionally, even in the event of a watermark match, a hash may be checked as further verification; and if the hash matches, the content is allowed in at High Quality, but if there is no match, the content is rejected. If the extracted watermark does not match the expected watermark, or if the LCS is unable to identify any other method for verifying the content's authenticity, then the content may be denied access to the LCS Storage (i.e., the content may be rejected), or if preferred by the user, the content may be permitted into the system at a degraded quality level. It is the user's prerogative to decide how the system will treat non-authenticated content, as well as legacy content.

[0083] In FIG. 4, content enters the LCS Domain from the satellite unit. This communication path is identified as Path 4 on FIG. 1. Content from an SU is marked with an SU watermark before exiting the SU. The LCS analyzes the content from the SU for watermarks, and in particular to determine if there is a watermark that matches that of the LCS. If the watermarks match, the content is permitted access to the LCS at the highest quality level. If there is a mismatch, then the content is denied access (i.e., the content is rejected). If the content does not contain a watermark, the quality is downgraded to Low Quality before permitting access to the LCS. Optionally, even in the event of a watermark match, a hash may be checked as further verification; and access at the highest quality level may depend upon both a match in watermarks and a match in hashes.

[0084] In FIG. 5, content is shown leaving the LCS Domain. This communication path is identified as Path 5 on FIG. 1. Content is retrieved from the LCS storage and then the content may be watermarked with a watermark that is unique to the LCS (for example, one that is based upon the LCS's Unique ID). Optionally, a hash may be attached to the watermarked content, and/or the hash may be embedded as part of the watermark. If an external hash is used, preferably, for security purposes, the external hash should be created in a different manner from the embedded, watermark hash. Optionally, other information may be included in the watermark, for example, information to specify a time stamp, the number of allowable copies, etc. After watermarking, the content may be permitted to exit the LCS Domain, and may be exported to a device outside the LCS Domain, including for example, a rewritable media, a viewer, player, or other receiver.

[0085] In FIG. 6, content is shown leaving the LCS Domain. This communication path is identified as Path 6 on FIG. 1. This path is similar to Path 5, with a few important differences. The output receiver is an SU, and because the receiver is an SU, the content may leave the LCS without being watermarked. Path 6 requires a secure protocol to determine that the receiver is in fact an SU. Once the path is verified, the content can be exported without a watermark. The LCS may optionally transmit the content together with a hash value which will be uniquely associated with the content.

[0086] In FIG. 7, content is shown leaving the SU, to a receiver other than the LCS. This communication path is identified as Path 7 on FIG. 1. Content is retrieved from the SU storage and then the content may be watermarked with a watermark that is unique to the SU (for example, one that is based upon the SU's Unique ID). Optionally, a hash may be attached to the watermarked content, and/or the hash may be embedded as part of the watermark. If an external hash is used, preferably, for security purposes, the external hash should be created in a different manner from the embedded, watermark hash. Optionally, other information may be included in the watermark, for example, information to specify a time stamp, the number of allowable

copies, etc., and may even include the hash which the LCS attached to the content After watermarking, the content may be permitted to exit the SU, and may be exported to a device other than the LCS, including for example, a rewritable media, a viewer, player, or other receiver. The quality level of the content leaving the LCS is generally the same quality level as that of the content when stored internally to the LCS.

[0087] The system of the present invention is utilized to complete digital data transactions. A typical transaction would have the following steps:

[0088] 1.) Using an LCS, a user connects to a SECD.

[0089] 2.) The user reviews a collection of data sets which are available for license (which for purposes of this application, may be equated with a purchase). The user then selects a data set (e.g., a song or other content), and purchases (or otherwise obtains the right to receive) a copy of the data set. (The user may transmit purchase information, for example, credit card information, using digital security that is known in the art of electronic commerce.)

[0090] 3.) The SECD transmits the secured content to the LCS. Before transmitting any digital content, the SECD embeds at least one watermark and may also transmit (perhaps through cryptography) at least one hash value along with the data being transmitted. The at least one hash value may be embedded with the at least one watermark or may be attached to the beginning or end of the data being transmitted. Alternately, the hash output may be combined in ways that are known in the art.

[0091] 4.) The LCS optionally may send its public key to the SECD, in which case the SECD may use the LCS public key to apply an additional security measure to the data to be transmitted, before the data is actually transmitted to the LCS.

[0092] 5.) The LCS receives the secured content transmitted by the SECD. The LCS may optionally use its private key to remove the additional layer of security which was applied with

the LCS's public key.

[0093] 6.) The LCS may authenticate the secure content that was received from the SECD by checking the watermark(s) and/or hash values. Optionally, the LCS may unpack the secured content from its security wrapper and/or remove any other layers of security. If the content can be authenticated, the content may be accepted into the LCS domain. Otherwise, it may be rejected.

[0094] Fragile Watermark Structure

[0095] A fragile watermark--one that is encoded in the LSB of each 16 bit sample--can actually hold all of the data that would typically comprise the information being transmitted in the SecureChannelTM. At a typical sampling rate of 44.1 kHz, there is 88,200 16 bit samples for each second of data in the time domain (44,100.times.2 stereo channels). This provides 88,200 bits per second which may be used for storing a fragile watermark. A typical 3 minute stereo song could therefore accommodate 1.89 MB of data for a fragile watermark. (The watermark is called fragile, because it is easily removed without greatly sacrificing the quality of the audio data.) 1.89 MB represents an immense capacity relative to the expected size of the typical data to be transmitted in a SecureChannel (100-200 K).

[0096] Preferably, the fragile watermark is bound to a specific copy of a specific song, so that "information pirates" (i.e., would-be thieves) cannot detect a watermark and then copy it onto another song in an effort to feign authorization when none exists. A fragile watermark may also contain information which can be utilized by various receivers which might receive the signal being packaged. For instance, a fragile watermark may contain information to optimize the playback of a particular song on a particular machine. A particular example could include data which differentiates an MP3 encoded version of a song and an AAC encoded version of the same song.

[0097] One way to bind a fragile watermark to a specific data set is through the use of hash

functions. An example is demonstrated by the following sequence of steps:

[0098] 1.) A digital data set (e.g., a song) is created by known means (e.g., sampling music at 44.1 kHz, to create a plurality of 16 bit data sets). The digital data set comprises a plurality of sample sets (e.g., a plurality of 16 bit data sets).

[0099] 2.) Information relative to the digital data set (e.g., information about the version of the song) is transformed into digital data (which we will call the SecureChannel data), and the SecureChannel data is then divided into a plurality of SecureChannel data blocks, each of which blocks may then be separately encoded.

[0100] 3.) A first block of the SecureChannel data is then is encoded into a first block of sample sets (the first block of sample sets comprising--at a minimum--a sufficient number of sample sets to accommodate the size of the first block of Secure Channel Data), for example by overwriting the LSB of each sample in the first block of sample sets.

[0101] 4.) A hash pool is created comprising the first block of encoded sample sets.

[0102] 5.) A first hash value is then created using i) the hash pool, ii) a random (or pseudorandom) number seeded using a code that serves to identify the owner of the digital data set, and iii) the SecureChannel data;

[0103] 6.) The first hash value is then encoded into a second block of sample sets, the second block of sample sets being sufficient in size to accommodate the size of the first hash value.

[0104] 7.) The second block of sample sets is then added to the hash pool

[0105] 8.) A second block of the SecureChannel data is then is encoded into a third block of sample sets.

[0106] 9.) The third block of encoded sample sets is added to the hash pool.

[0107] 10.) A second hash value is then created using i) the hash pool, ii) a random (or pseudorandom) number seeded using a code that serves to identify the owner of the digital data set, and iii) the SecureChannel data;

[0108] 11.) The second hash value is then encoded into a fourth block of sample sets.

[0109] Steps 7-11 are then repeated for successive blocks of SecureChannel data until all of the SecureChannel data is encoded. Understand that for each block of SecureChannel data, two blocks of content data are utilized. Moreover, for efficiency, one could use a predetermined subset of the samples in the hash pool, instead of the whole block.

[0110] Each SecureChannel block may, for example, have the following structure:

[0111] {

}

long	BlockIdentifier;	//A code for the type of block
long	BlockLength;	//The length of the block
		//Block data of a length matching BlockLength
char	IdentityHash[hashSize];	
char	InsertionHash[hashSize];	

[0112] In theory, each SecureChannel block may be of a different type of block (i.e., may begin with a different BlockIdentifier). In operation, a software application (or even an ASIC) may read the BlockIdentifier and determine whether it is a recognized block type for the particular application. If the application does not recognize the block type, the application may use the BlockLength to skip this block of SecureChannel.

[0113] Certain block types will be required to be present if the SecureChannel is going to be

accepted. These might include an identity block and a SecureChannel hash block. The SecureChannel data may or may not be encrypted, depending on whether the data is transfer-restricted (a type of value-adding component, that is, VAC) or simply informative. For instance, user-added SecureChannel data need not be encrypted. A BlockIdentifier may also be used to indicate whether a SecureChannel data block is encrypted or not.

[0114] Robust Open Watermark (ROW)

[0115] A Robust-Open Watermark may be used to divide content into three categories. (The term "open watermark" is used merely to indicate that the watermark relies on a secret which is shared by an entire class of devices, as opposed to a secure watermark--which is readable only by a single member of a class of devices.) A binary setting may be used, whereby one state (e.g., "1") may be used to identify secure protected content--such as content that is distributed in a secured manner. When the LCS detects a secured status (e.g., by determining that the ROW is "1"), the content must be accompanied by an authenticatable SecureChannel before the content is permitted to enter the LCS Domain (e.g., electronic music distribution or EMD content). The other binary state (e.g., "0") may be used to identify unsecured content, for example, non-legacy media that is distributed in a pre-packaged form (e.g. CD's). When the binary setting is "0", the content may or may not have a SecureChannel. Such "0 content" shall only be admitted from a read-only medium in its original file format (e.g., a 0 CD shall only be admitted if it is present on a Redbook CD medium). On the other hand, if the ROW is absent, then the LCS will understand that the content is "legacy". Legacy content may be admitted, or optionally, may be checked for a fragile watermark--and then admitted only if the fragile watermark is present. It would be possible to permit unfettered usage of legacy content--though again, it is the prerogative of the user who sets up the LCS.

[0116] Robust Forensic Watermark

[0117] Preferably, a robust forensic watermark is not accessible in any way to the consumer--or to "information pirates." A forensic watermark may be secured by a symmetric key held only by the seller. A transaction ID may be embedded at the time of purchase with a hash matching the symmetric key. The watermark is then embedded using a very low density insertion mask (<10%), making it very difficult to find without the symmetric key. Retrieval of such a watermark is not limited by real-time/low cost constraints. The recovery will typically only be attempted on known pirated material, or material which is suspected of piracy. A recovery time of 2 hours on a 400 MHz PC may, therefore, be reasonable.

[0118] SAMPLE EMBODIMENT - Renewability

[0119] The system of the present invention contemplates the need for updating and replacing previously-embedded watermarks (which may be thought of generally as "renewing" a watermark). If someone is able to obtain the algorithms used to embed a watermark--or is otherwise able to crack the security, it would be desirable to be able to embed a new watermark using a secure algorithm. New watermarks, however, cannot be implemented with complete success over night, and thus, there inevitably will be transition periods where older SPCS are operating without updated software. In such a transition period, the content must continue to be recognizable to both the old SPCSs and the upgraded SPCSs. A solution is to embed both the original and the upgraded watermarks into content during the transition periods. Preferably, it is the decision of the content owner to use both techniques or only the upgraded technique.

[0120] The operation of the system of the present invention is complicated, however, by the presence of "legacy" digital content which is already in the hands of consumer (that is, digital content that was commercially distributed before the advent of watermarking systems) because legacy content will continue to be present in the future. Moreover, pirates who distribute unauthorized content will also complicate matters because such unauthorized copies are likely to be distributed in the same formats as legacy content. As it is unlikely that such unwatermarked content can ever be completely removed, the present system must try to accommodate such content.

[0121] Hardware can be configured to read old ROW content and extract the old ROW and

insert in the content a new ROW.

[0122] While the invention has been particularly shown and described by the foregoing detailed description, it will be understood by those skilled in the art that various other changes in form and detail may be made without departing from the spirit and scope of the invention.

CLAIMS:

1. A local content server system (LCS) for creating a secure environment for digital content, comprising:

a) a communications port in communication for connecting the system via a network to at least one Secure Electronic Content Distributor (SECD), said SECD capable of storing a plurality of data sets, capable of receiving a request to transfer at least one content data set, and capable of transmitting the at least one content data set in a secured transmission,

b) a rewritable storage medium whereby content received from outside the LCS may be stored and retrieved,

c) a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS, and

d) a programmable address module which can be programmed with an identification code uniquely associated with the LCS, and

said domain processor permitting the LCS to receive digital content from outside the LCS provided the LCS first determines that the digital content being delivered to the LCS is authorized for use by the LCS.

2. The LCS of claim 1 further comprising:

e) an interface to permit the LCS to communicate with one or more Satellite Units (SU) which may be connected to the system through the interface, said SUs capable of receiving and transmitting digital content,

and wherein said domain processor permits the LCS to receive digital content from an SECD that is connected to the LCS's communication port, provided the LCS first determines that digital content being received is authorized for use by the LCS,

and wherein said domain processor permits the LCS to deliver digital content to an SU that may be connected to the LCS's interface, provided the LCS first determines that digital content being received is authorized for use by the SU.

3. A local content server system (LCS) for creating a secure environment for digital

content, comprising:

a) a communications port in communication for connecting the system via a network to at least one Secure Electronic Content Distributor (SECD), said SECD capable of storing a plurality of data sets, capable of receiving a request to transfer at least one content data set, and capable of transmitting the at least one content data set in a secured transmission,

b) an interface to permit the LCS to communicate with one or more Satellite Units (SU) which may be connected to the system through the interface, said SUs capable of receiving and transmitting digital content, and

c) a rewritable storage medium whereby content received from an SECD and from an SU may be stored and retrieved,

d) a domain processor that imposes rules and procedures for content being transferred between the LCS and the SECD and between the LCS and the SU, and

e) a programmable address module which can be programmed with an identification code uniquely associated with the LCS,

said domain processor permitting the LCS to deliver digital content to and receive digital content from an SU that is connected to the LCS's interface, provided the LCS first determines that the digital content being delivered to the SU is authorized for use by the SU or that the digital content being received is authorized for use by the LCS,

and said domain processor permitting the LCS to receive digital content from an SECD that is connected to the LCS's communication port, provided the LCS first determines that digital content being received is authorized for use by the LCS.

4. The system of claim 3, wherein said domain processor determines whether digital content is authorized for use by extracting a watermark from the digital content being transferred.

5. The system of claim 3, wherein said domain processor comprises: means for obtaining an identification code from an SU connected to the LCS's interface, an analyzer to analyze the identification code from the SU to determine if the SU is an authorized device for communicating with the LCS,

means for analyzing digital content received from an SU,

said system permitting the digital content to be stored in the LCS if i) an analysis of the digital content received from the SU concludes that the content is authenticated, or ii) an analysis of the digital content received from the SU concludes that the content cannot be authenticated because no authentication data is embedded in the content, and

said system preventing the digital content from being stored on the LCS if i) an analysis of the digital content received from the SU concludes that the content is unauthenticated.

6. The system of claim 4, wherein said analyzer of the domain processor comprises means for extracting digital watermarks from the digital content received from an SU, and means for analyzing the digital watermark to determine if the digital content has been previously marked with the unique identification code of the LCS.

7. The system of claim 4, wherein said system permits the digital content to be stored in the LCS at a degraded quality level if an analysis of the digital content received from the SU concludes that the digital content received from the SU cannot be authenticated because there is no authentication data embedded in the content.

8. The system of claim 4, further comprising at least one SU, each such SU being capable of communicating with the LCS.

9. The system of claim 8, wherein the SU has means to sending a message to the LCS indicating that the SU is requesting a copy of a content data set that is stored on the LCS, said message including information about the identity of the SU, and wherein the LCS comprises:

means to analyze the message from the SU to confirm that the SU is authorized to use the LCS,

means to retrieve a copy of the requested content data set,

means to embed at least one robust open watermark into the copy of the requested content data set, said watermark indicating that the copy is authenticated, means to embed a second watermark into the copy of the requested content data set, said second watermark being created based upon information transmitted by the SU and information about the LCS, and means to deliver the watermarked content data set to the SU for its use.

10. The system of claim 8, further comprising a SECD, said SECD capable of receiving a request to transfer at least one data set and capable of transmitting the at least one data set in a secured transmission.

11. The system of claim 10, wherein the SU includes means to send a message to the LCS indicating that the SU is requesting a copy of a content data set that is not stored on the LCS, but which the LCS can obtain from an SECD, said message including information about the identity of the SU, wherein the SECD comprises:

means to retrieve a copy of the requested content data set,

means to embed at least one robust open watermark into the copy of the requested content data set, said watermark indicating that the copy is authenticated,

means to embed a second watermark into the copy of the requested content data set, said second watermark being created based upon information transmitted by the LCS, and

means to deliver the watermarked content data set to the LCS for its use, and wherein the LCS comprises:

means to analyze the message from the SU to confirm that the SU is authorized to use the LCS,

means to receive a copy of the requested content data set as transmitted by the SECD, means to extract at least one watermark to confirm that the content data is authorized for use by the LCS,

means to embed at least one robust open watermark into the copy of the requested content data set, said watermark indicating that the copy is authenticated, means to embed a second watermark into the copy of the requested content data set, said second watermark being created based upon information transmitted by the SU and information about the LCS, and

means to deliver the watermarked content data set to the SU for its use.

12. The system of claim 8, wherein the SU has means to sending a message to the LCS indicating that the SU is requesting to store a copy of a content data set on a storage unit of the

LCS, said message including information about the identity of the SU, and wherein the LCS comprises:

means to analyze the message from the SU to confirm that the SU is authorized to use the LCS,

means receive a copy of the content data set,

means to determine if a robust open watermark is embedded in the content data set, and to extract the robust open watermark if is it is determined that one exists,

means to analyze any extracted robust open watermarks to determine if the content data set can be authenticated,

means to permit the storage of the content data set on a storage unit of the LCS if i) the LCS authenticates the content data set, or ii) the LCS determines that no robust open watermark is embedded in the content signal.

13. The system of claim 4, further comprising at least one SU, each such SU being capable of communicating with the LCS, and being capable of using only data which has been authorized for use by the SU or which has been determined to be legacy content such the data contains no additional information to permit authentication.

14. The system of claim 5, wherein the LCS further comprises:

means to embed at least one robust open watermark into a copy of content data, said watermark indicating that the copy is authenticated,

means to embed a second watermark into the copy of content data, said second watermark being created based upon information comprising information uniquely associated with the LCS, and

means to embed a third watermark into the copy of content data, said third watermark being a fragile watermark created based upon information which can enhance the use of the content data on one or more Sus.

The system of claim 5, wherein the LCS further comprises:
 means for encrypting or scrambling content data, such that content data may be

encrypted or scrambled before it is stored in the rewritable storage medium.

16. A system for creating a secure environment for digital content, comprising a Secure Electronic Content Distributor (SECD),

a Local Content Server (LCS),

a communications network interconnecting the SECD to the LCS, and

a Satellite Unit (SU) capable of interfacing with the LCS,

said SECD comprising a storage device for storing a plurality of data sets, an input for receiving a request from the LCS to purchase a selection of at least one of said plurality of data sets, a transaction processor for validating the request to purchase and for processing payment for the request, a security module for encrypting or otherwise securitizing the selected at least one data set, and an output for transmitting the selected at least one data set that has been encrypted or otherwise secured for transmission over the communications network to the LCS,

said LCS comprising a domain processor, a first interface for connecting to a communications network, a second interface for communicating with the SU, a memory device for storing a plurality of data sets, and a programmable address module which can be programmed with an identification code uniquely associated with the LCS, and

said SU being a portable module comprising a memory for accepting secure digital content from a LCS, an interface for communicating with the LCS, and a programmable address module which can be programmed with an identification code uniquely associated with the SU.

17. A Method for creating a secure environment for digital content for a consumer, comprising the following steps:

sending a message indicating that a user is requesting a copy of a content data set, retrieving a copy of the requested content data set, embedding at least one robust open watermark into the copy of the requested content data set, said watermark indicating that the copy is authenticated,

embedding a second watermark into the copy of the requested content data set, said second watermark being created based upon information transmitted by the requesting user, transmitting the watermarked content data set to the requesting consumer via an electronic network,

receiving the transmitted watermarked content data set into a Local Content Server (LCS) of the user,

extracting at least one watermark from the transmitted watermarked content data set, and permitting use of the content data set if the LCS determines that use is authorized.

18. The Method of claim 17, wherein the step of permitting use of the content data set if the LCS determines that use is authorized comprises:

checking to see if a watermark extracted from the content data set includes information which matches unique information which is associated with the user, and

permitting the storage of the content data set in a storage unit for the LCS.

19. The Method of claim 17, further comprising:

connecting a Satellite Unit (SU) to an LCS,

and wherein the step of permitting use of the content data set if the LCS determines that use is authorized comprises:

checking to see if a watermark extracted from the content data set includes information which matches unique information which is associated with the user, and

embedding a watermark into the content data set using information that is associated with the user and information that is associated with an SU,

delivering the content data set to the SU for its use.

20. A Method for creating a secure environment for digital content for a consumer,

comprising the following steps:

connecting a Satellite Unit to an local content server (LCS),

sending a message indicating that the SU is requesting a copy of a content data set that is stored on the LCS, said message including information about the identity of the SU,

analyzing the message to confirm that the SU is authorized to use the LCS, and retrieving a copy of the requested content data set,

assessing whether a secured connection exists between the LCS and the SU, if a secured

connection exists, embedding a watermark into the copy of the requested content data set, said watermark being created based upon information transmitted by the SU and information about the LCS, and

delivering the content data set to the SU for its use.

21. The Method of claim 20, further comprising:

embedding an open watermark into the content data to permit enhanced usage of the content data by the user.

22. The Method of claim 21, further comprising:

embedding at least one additional watermark into the content data, said at least one additional watermark being based on information about the user, the LCS and an origin of the content data, said watermark serving as a forensic watermark to permit forensic analysis to provide information on the history of the content data's use.

23. The method of claim 20, wherein the content data can be stored at a level of quality which is selected by a user.

24. A Method for creating a secure environment for digital content for a consumer, comprising the following steps:

connecting a Satellite Unit (SU) to an local content server (LCS),

sending a message indicating that the SU is requesting a copy of a content data set that is stored on the LCS, said message including information about the identity of the SU,

analyzing the message to confirm that the SU is authorized to use the LCS, and retrieving a copy of the requested content data set,

assessing whether a secured connection exists between the LCS and the SU, if a secured connection exists, embedding a watermark into the copy of the requested content data set, said watermark being created based upon information transmitted by the SU and information about the LCS, and

delivering the watermarked content data set to the SU for its use.

25. The method of claim 24, further comprising:

embedding at least one robust open watermark into the copy of the requested content data set before the requested content data is delivered to the SU, said watermark indicating that the copy is authenticated.

26. The method of claim 25, wherein the robust watermark is embedded using any one of a plurality of embedding algorithms.

26. The method of claim 24, further comprising:

embedding a watermark which includes a hash value from a one-way hash function generated using the content data.

27. The method of claim 25, wherein the robust watermark can be periodically replaced with a new robust watermark generated using a new algorithm with payload that is no greater than that utilized by the old robust watermark.

The method of claim 24, further comprising the step of:
 embedding additional robust open watermarks into the copy of the requested content data

set before the requested content data is delivered to the SU, using a new algorithm; and re-saving the newly watermarked copy to the LCS.

29. The method of claim 24, further comprising the step of: saving a copy of the requested content data with the robust watermark to the rewritable media of the LCS.

30. A Method for creating a secure environment for digital content for a consumer, comprising the following steps:

connecting a Satellite Unit (SU) to an local content server (LCS),

sending a message indicating that the SU is requesting to store a copy of a content data on the LCS, said message including information about the identity of the SU, analyzing the message to confirm that the SU is authorized to use the LCS; and receiving a copy of the content data set;

assessing whether the content data set is authenticated;

if the content data is unauthenticated, denying access to the LCS storage unit; and

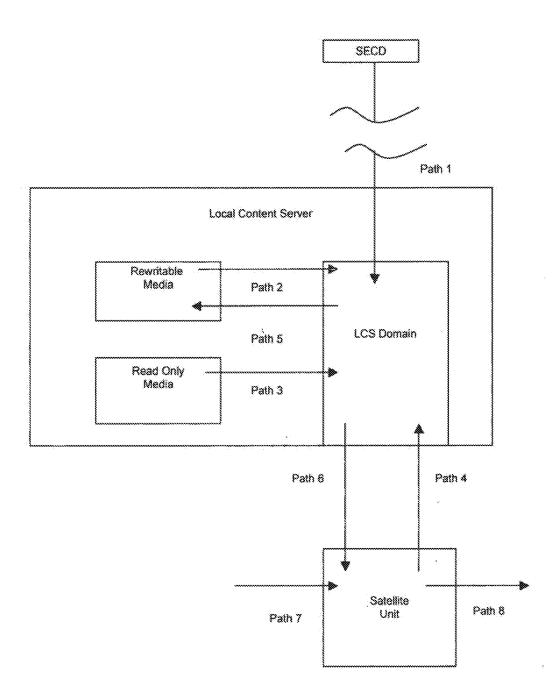
if the content data is not capable of authentication, accepting the data at a predetermined quality level, said predetermined quality level having been set for legacy content.

Abstract

A local content server system (LCS) for creating a secure environment for digital content is disclosed, which system comprises: a communications port in communication for connecting the LCS via a network to at least one Secure Electronic Content Distributor (SECD), which SECD is capable of storing a plurality of data sets, is capable of receiving a request to transfer at least one content data set, and is capable of transmitting the at least one content data set in a secured transmission; a rewritable storage medium whereby content received from outside the LCS may be stored and retrieved; a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS; and a programmable address module which can be programmed with an identification code uniquely associated with the LCS. The LCS is provided with rules and procedures for accepting and transmitting content data. BTM

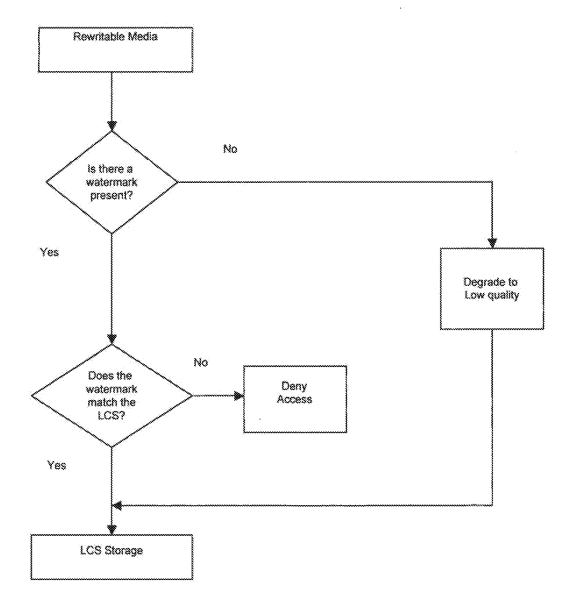
May 4, 2017

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FIG. 2

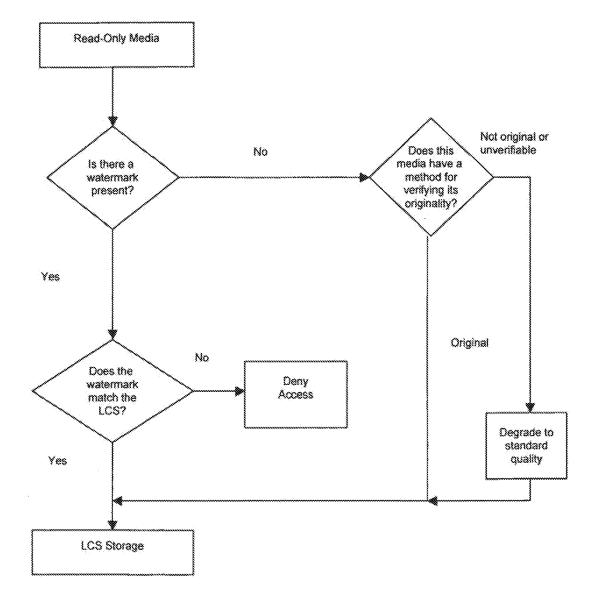


FIG. 3

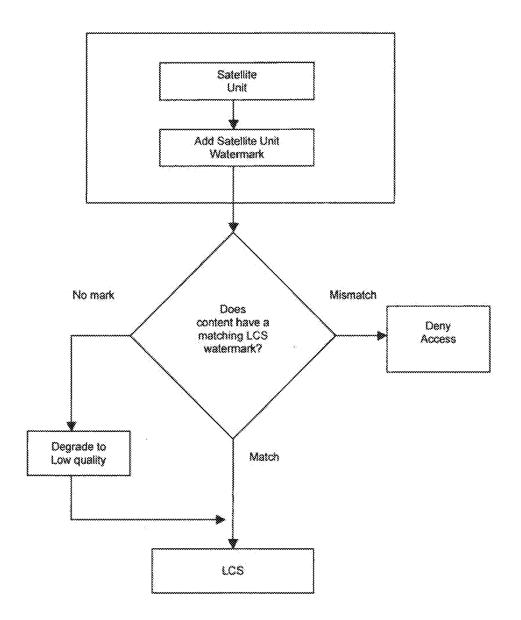


FIG. 4

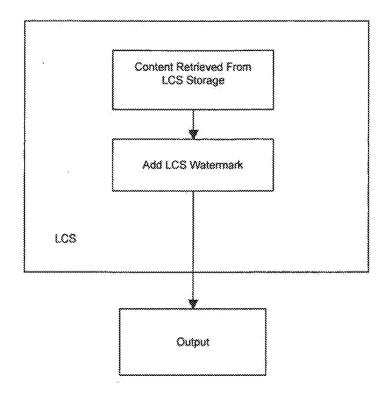


FIG.5

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4.1

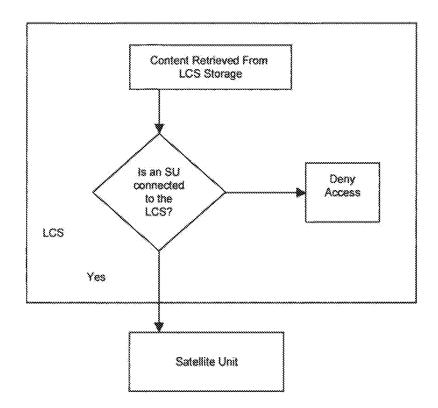


FIG. 6

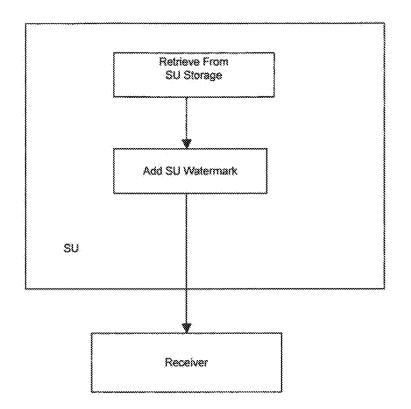
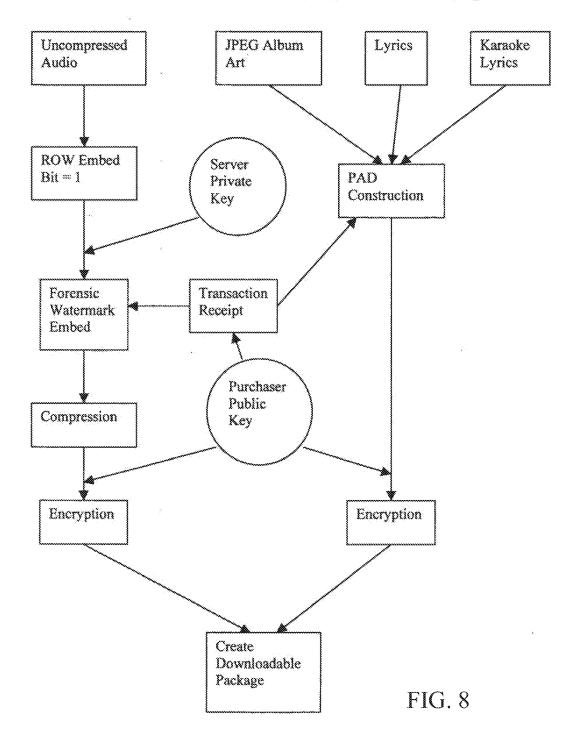


FIG. 7



SAMPLE EMBODIMENT- SPCS Audio Server Stage

SPCS Audio Player Input Stage

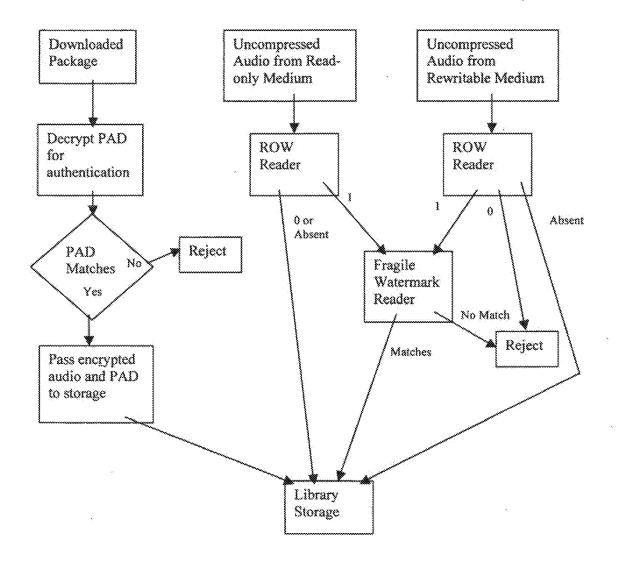


FIG. 9

SPCS Audio Player Output Stage

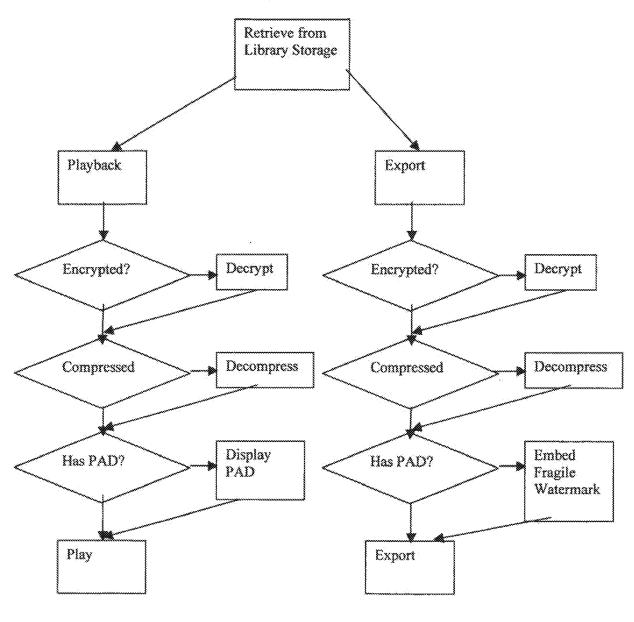


FIG. 10

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SCOT0016-7 SCOT0016-7

CLIENT REF:

INVENTOR DECLARATION (37 CFR 1.63) AND ASSIGNMENT (37 CFR 1.46) FOR A PATENT APPLICATION FILED ON AND AFTER SEPTEMBER 16, 2012

I/We hereby declare as follows:

 37 CFR 1.63(a)(1) - LEGAL NAME OF INVENTOR OR JOINT INVENTOR My/Our legal name(s) appear(s) at the end of this declaration next to my/our signature(s).

11. 37 CFR 1.63(a)(2) - IDENTIFICATION OF THE APPLICATION TO WHICH THIS DECLARATION IS DIRECTED

This declaration is directed to the following application:

APPLICATION	Secure personal content server
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# HI. 37 CFR 1.63(a)(3) STATEMENT OF INVENTORSHIP

I/We helieve that I/we am/are the original inventor or an original joint inventor of a claimed invention in the application for which this declaration is being submitted.

# IV. 37 CFR 1.63(a)(4) STATEMENT OF AUTHORIZATION

The above-identified application was made or authorized to be made by me.

V. 37 CFR 1.63(b) LEGAL NAME, MAILING ADDRESS, RESIDENCE ADDRESS I/We understand that rule 37 CFR 1.63(b) requires that my legal name, mailing address

where I/we customarily receive mail, and my residence address, must be submitted in this application, but do not need to be submitted in this declaration. I/We have provided accurate information for my legal name, mailing address where I/we customarily receive mail, and my residence address.

# VI. 37 CFR 1.63(c) REVIEW AND ACKNOWLEDGMENT OF 1.56 DUTY

I/We have reviewed and I/we understand the contents of this application, including the claims. I/We am/are aware of the duty to disclose to the United Stated Patent and Trademark Office all information known to me to be material to patentability as defined in the Code of Federal Regulations, Volume 37, rule 1.56.

## VII. 37 CFR 1.63(g) ACKNOWLEDGMENT

I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both. All statements I/we make in this declaration based upon my own knowledge are true, and all statements I/we make in this declaration based upon information and belief I/we believe to be true.

## VIII. AUTHORIZATION TO PERMIT ACCESS TO APPLICATION BY PARTICIPATING OFFICES

The undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

The undersigned hereby grants the USPTO authority to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

## IX. POWER TO FURTHER IDENTIFY

I/We authorize NEIFELD IP LAW, PC to fill in a "NEIFELD REF."; "CLIENT REF"; the application number, the filing date, and any other information desirable to identify the application, on the pages of this declaration, after I/We sign.

## X. CORRESPONDENCE ADDRESS

Direct all correspondence to the address for customer number 31518 for the firm of NEIFELD IP LAW, P.C.

## XI. ASSIGNMENT

WHEREAS, the assignce or assignces listed below (hereinafter referred to as "ASSIGNEE") are desirous of acquiring the entire right, title and interest in and to said invention identified above and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, by these oresents.

I/we do, at this time, sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the said invention, which includes any invention disclosed or claimed in any application identified above, in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted in the future or were granted in the past therefor in the United States and its territorial possessions, reissues, continuations, substitutions and renewals thereof which may be granted in the future be granted or were granted in the past; and this transfer includes all rights to prior judgements; and all rights to collect money for and to obtain injunctions based upon past infringement.

Further, I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grants(s) the firm of Neifeld IP Law, P.C. the power to insert on this assignment any further identification, including firm reference number, application number, filing date, and execution date, and any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

## XII. INVENTOR/ASSIGNOR LEGAL NAME(S) AND SIGNATURE(S)

PRINTED LEGAL NAMES OF ALL INVENTORS; THEIR SIGNATURES; AND THE DATES THEY SIGNED:

## FIRST INVENTOR

SIGNATURE	Settmaker
PRINTED NAME	Scott A. Moskowitz
DATE SIGNED	may 9,2017
. The second sec	

## SECOND INVENTOR

ŝ.

 SIGNATURE	
 PRINTED NAME	Mike W. Berry
DATE SIGNED	

## XIII. ASSIGNEE(S) IDENTIFICATION AND SIGNATURE(S)

The assignce(s) of this application, and their address(es), and signatures:

FIRST ASSIGNEE NAME:	Wistaria Trading Ltd
FIRST ASSIGNEE ADDRESS: (For a United States address, include on separate lines: street, city; state; zip code. For non united state address include on separate lines: street; city; country; postal code)	Clarendon House, 2 Church Street, Hamilton HM 11, Bermuda
SIGNATURE.	Shad marcher
PRINTED NAME:	Sear Moskowinz
TITLE OF SIGNOR, FOR THE FIRST ASSIGNEE:	President and Director
DATE SIGNED:	May 9,1017
AVERMENT:	I am authorized to sign on behalf of the assignce.

## RAN

Printed: May 8, 2017 (3:41pm) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\DeclarationAssignment_SCOT0016-7_5-4-2017.wpd

Doc	code:	Oath	

Document Description: Oath or declaration filed

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## SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	Secure personal content ser	ver		
This stateme	ent is directed to:	******		
The att	ached application,			
OR				
United	States application or PCT international	application number	filed on	
LEGAL NA	ME of inventor to whom this sub	ostitute statement appl	es:	
1 T	Name (first and middle (if any)) and Fi	amily Name or Surname)		
Mike W	چ. 	volatad (ny makad)		
	except for a deceased or legally incopa	x * * *	LIC	
_{city} Sea	ITTIE	State VVA	Country US	****
	ess (except for a deceased or legally incapa	citated inventor):		
164 Cro	CKEIL DI.	·····		
_{city} Sea	ittle	State WA	_{zip} 98109	Country US
in the ap	I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me.			
	I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:				
Legal Representative (for deceased or legally incapacitated inventor only), Assignee,				
Person to whom the inventor is under an obligation to assign,				
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or				
	Joint Inventor.			
l		[Page 1 of 2]		*****

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.53. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTC) to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTC. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Paterit and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM& TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/98/A/A62 (07-13) Approved for use through 01/31/2014. OMB 0651-0032 U.S. Patient and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paparwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT			
Circumstances permitting execution of thi	s substitute statement:		
inventor is deceased.			
Inventor is under legal incapacity			
Inventor cannot be found or read	hed after diligent effort,	or	
inventor has refused to execute t	ihe oath or declaration u	nder 37 CFR 1.63.	
If there are joint inventors, please check t	he appropriate box belo	8:	
An application data sheet under or is currently submitted.	37 CFR 1.76 (PTO/AIA/	4 or equivalent) naming the entire i	inventive entity has been
OR			
An application data sheet under Statement Supplemental Sheet ( information is attached. See 37 C	r i Ommo i i ui squivalei	4 or equivalent) has not been subrint) naming the entity inventive entity	nitted. Thus, a Subsilitule y and providing inventor
	WARNING	>:	*****
Pelitioner/applicant is cautioned to avoid submitting personal information in documents filed in a palent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.			
PERSON EXECUTING THIS SUBSTITUTE STATEMENT: Name: Scott A. Moskowitz Date (Optional):			
Signature:			
APPLICANT NAME AND TITLE OF PERSO	*****	***************************************	······
If the applicant is a juristic entity, list the appl		of the signer:	
WISTARIA TRADIN Applicant Name:	GLID		******
Title of Person Executing This Substitute Statement: PRESIDENT AND DIRECTOR			
This Substitute Statement: TRESIDEINT AND DIRECTOR The signer, whose title is supplied above, is authorized to act on behalf of the applicant.			
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):			
city Hamilton	State	Country BM	
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)			
Clarendon House, 2 Church Street			
_{ciy} Hamilton	State		BM
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.			

[Page 2 of 2]

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Application Da	Application Data Sheet 37 CFR 1.76		SCOT0016-7		
Application Data Sheet 37 CI K 1.70		Application Number			
Title of Invention	Secure personal content server				
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.					

# Secrecy Order 37 CFR 5.2:

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

# **Inventor Information:**

Inventor 1 Legal Name				Remove	
Prefix Given Na	ame	Middle Nam		Family Name	Suffix
Mr. 🗸 Scott		A.		Moskowitz	
Residence Info	mation (Select One	t One)  US Residency Non US Residency Active US Military Service			
City Ft. Lauder	dale	State/Province FL Country of Residence US			
Mailing Address	of Inventor:				
Address 1	13414 E. L	as Olas Blvd, #123			
Address 2					
City Ft.	Lauderdale		State	e/Province FL	
Postal Code	33301		Country	US	
Inventor 2 Legal Name				Remove	
Prefix Given Na	ame	Middle Nam		Family Name	Suffix
Mr. 🗸 Mike		w.		Berry	
Residence Info	rmation (Select One	e) ( ) US Residency	Non	US Residency Active US Milita	
City Seattle	•	State/Province		country of Residence	-
Mailing Address	of Inventor:				
Address 1	164 Crocke	ett St.			
Address 2					
City Sea	attle		State	e/Province WA	
Postal Code	98109		Country	US	
	ust Be Listed - Ade this form by selecting		formation bl	ocks may be Add	

## **Correspondence Information:**

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).

#### PTO/AIA/14 (11-15)

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SCOT0016-7
		Application Number	
Title of Invention	Secure personal content serve	er	

An Address is being provided for the correspondence Information of this application.				
Customer Number	31518			
Email Address		Add Email Remove Email		

# **Application Information:**

Title of the Invention	Secure personal content server			
Attorney Docket Number	SCOT0016-7	Small Entity Status Claimed		
Application Type	Nonprovisional			
Subject Matter	Utility 🗸			
Total Number of Drawing	Sheets (if any)         10         Suggested Figure for Publication (if any)         1			
Filing By Reference:				

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

# **Publication Information:**

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

**Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

# Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	Customer Number	US Patent Practitioner	Limited Recognition (37 CFR 11.9)
Customer Number	31518		

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Application Da	ta Sheet 37 CFR 1.76	Attorney Docket Number	SCOT0016-7	
		Application Number		
Title of Invention	Secure personal content server			

## **Domestic Benefit/National Stage Information:**

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78. When referring to the current application, please leave the "Application Number" field blank.

 When referring to the current application, please leave the Application Number field blank.

 Prior Application Status
 Pending
 Remove

 Application Number
 Continuity Type
 Prior Application Number
 Filing or 371(c) Date (YYYY-MM-DD)

							<b>,</b>	· · ····· ,
		Continuation	of	•	14869279		2015-09-29	
Prior Applicat	ion Status	Patented					Rer	nove
Application Number	Cont	linuity Type	Prior Applicati Number	ion	Filing Date (YYYY-MM-DD)	Pa	tent Number	Issue Date (YYYY-MM-DD)
14869279	Continuat	tion of 🛛 🖣	14256315		2014-04-18	92	31980	2016-01-05
Prior Applicat	ion Status	Patented		•			Rer	nove
Application Number	Cont	linuity Type	Prior Applicati Number	ion	Filing Date (YYYY-MM-DD)	Pa	tent Number	Issue Date (YYYY-MM-DD)
14256315	Continuat	tion of	13796538		2013-03-12	87	89201	2014-07-22
Prior Applicat	ion Status	Patented		-			Rer	nove
Application Number	Cont	inuity Type	Prior Applicati Number	ion	Filing Date (YYYY-MM-DD)	Pa	tent Number	Issue Date (YYYY-MM-DD)
13796538	Continuat	tion of	13413691		2012-03-07	87	39295	2014-05-27
Prior Applicat	ion Status	Patented		•			Rer	nove
Application Number	Cont	tinuity Type	Prior Applicati Number	ion	Filing Date (YYYY-MM-DD)	Pa	tent Number	Issue Date (YYYY-MM-DD)
13413691	Continuat	tion of	12287443		2008-10-09	81	71561	2012-05-01
Prior Applicat	ion Status	Patented		•			Rer	nove
Application Number	Cont	tinuity Type	Prior Applicati Number	ion	Filing Date (YYYY-MM-DD)	Pa	tent Number	Issue Date (YYYY-MM-DD)
12287443	Continuat	tion of	10049101		2002-07-23	74	75246	2009-01-06
Prior Applicat	ion Status	Expired		•			Rer	nove
Application N	lumber	Con	tinuity Type		Prior Application Nun	nber		or 371(c) Date YY-MM-DD)
10049101		a 371 of inter	national	•	PCTUS0021189		2000-08-04	
Prior Applicat	ion Status	Expired		•			Rer	nove
Application N	lumber	Con	tinuity Type		Prior Application Nun	nber		or 371(c) Date YY-MM-DD)
PCTUS0021189		Claims benef	it of provisional	┓	60147134		1999-08-04	
l								

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s Expired	-			Remove			
Continuity	Туре	Prior Applicati	ion Number	Filing or 371(c) Date (YYYY-MM-DD)			
Claims benefit of pro	visional 👻	60213489		2000-06-23			
	Continuity	Continuity Type Claims benefit of provisional	Continuity Type Prior Applicat Claims benefit of provisional efit/National Stage Data may be generated within t	Continuity Type Prior Application Number Claims benefit of provisional  Glaims benefit of provisional  Glaims benefit of provisional  Glaims benefit of provisional  Prior Application Number Claims benefit of provisional  Claims  Claims  Claims bene			

# **Foreign Priority Information:**

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)^I the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

			Remove
Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)
Additional Foreign Priority Add button.	Data may be generated wit	hin this form by selecting the	Add

# Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.

NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SCOT0016-7
		Application Number	
Title of Invention	Secure personal content serve	er	

# Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant <u>must opt-out</u> of the authorization by checking the corresponding box A or B or both in subsection 2 below.

<u>NOTE</u>: This section of the Application Data Sheet is <u>ONLY</u> reviewed and processed with the <u>INITIAL</u> filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

## 1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. <u>Priority Document Exchange (PDX)</u> - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby <u>grants the USPTO authority</u> to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h) (1).

**B.** <u>Search Results from U.S. Application to EPO</u> - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby grants the USPTO authority to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

## 2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

A. Applicant <u>DOES NOT</u> authorize the USPTO to permit a participating foreign IP office access to the instant
 application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

B. Applicant <u>DOES NOT</u> authorize the USPTO to transmit to the EPO any search results from the instant patent
 application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

**NOTE:** Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

#### PTO/AIA/14 (11-15) Approved for use through 04/30/2017. OMB 0651-0032

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SCOT0016-7
		Application Number	
Title of Invention	Secure personal content server		

# Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.				
Applicant 1			Remove	
The information to be provided in 1.43; or the name and address of who otherwise shows sufficient p applicant under 37 CFR 1.46 (as	r the remaining joint inventor or invent n this section is the name and address of the assignee, person to whom the in proprietary interest in the matter who is ssignee, person to whom the inventor i h one or more joint inventors, then the	of the legal representative iventor is under an obligations the applicant under 37 CF is obligated to assign, or pe	who is the applicant under 37 CFR on to assign the invention, or person FR 1.46. If the applicant is an erson who otherwise shows sufficient	
Assignee	Legal Representative un	der 35 U.S.C. 117	Joint Inventor	
Person to whom the inventor	Person to whom the inventor is obligated to assign. Person who shows sufficient proprietary interest			
If applicant is the legal repres	sentative, indicate the authority to f	ile the patent applicatior	n, the inventor is:	
Name of the Deceased or Legally Incapacitated Inventor:				
If the Applicant is an Organization check here.				
Organization Name Wis	Organization Name Wistaria Trading Ltd			
Mailing Address Information For Applicant:				
Address 1         Clarendon House, 2 Church Street				
Address 2				
City	Hamilton	State/Province		
Country BM		Postal Code	HM 11	
Phone Number		Fax Number		
Email Address				
Additional Applicant Data may be generated within this form by selecting the Add button.				

# Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (11-15) Approved for use through 04/30/2017. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR		et 37 CFR 1.76	Attorney Doo		SCOT00	16-7	
			Application N	lumber			
Title of Inventi	Title of Invention Secure personal content server						
Assignee	1						
application public	ation. An assig	e information, includir nee-applicant identific an assignee-applican	ed in the "Application of the second s	ant Information"	section will	appear on the pa	atent application
						Rem	ove
If the Assigned	e or Non-Appl	licant Assignee is a	n Organization	check here.		$\boxtimes$	
Organization I	Name Wi	staria Trading Ltd					
Mailing Addres	ss Informatio	on For Assignee in	cluding Non-/	Applicant Ass	ignee:		
Address 1		Clarendon House	, 2 Church Stree	t			
Address 2							
City		Hamilton		State/Province			
Countryi	ВМ			Postal Code		HM 11	
Phone Numbe	er			Fax Number			
Email Address	5				ł		
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.							
Signature: Remove							
NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the <u>INITIAL</u> filing of the application <u>and</u> either box A or B is <u>not</u> checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c). This Application Data Sheet <u>must</u> be signed by a patent practitioner if one or more of the applicants is a juristic entity (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, <u>all</u> joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of <u>all</u> joint inventor-applicants. See 37 CFR 1.4(d) for the manner of making signatures and certifications.							
Signature /	Signature /BruceMargulies/				Date (YYYY-MM-DD) 2017-05-05		
First Name	Bruce	Last Name	Margulies		Registra	ation Number	64175
Additional Signature may be generated within this form by selecting the Add button.							

### PTO/AIA/14 (11-15) Approved for use through 04/30/2017. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	SCOT0016-7
		Application Number	
Title of Invention	Secure personal content server		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.** 

# **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent /	App	lication Fee	e Transmit	tal	
Application Number:					
Filing Date:					
Title of Invention:	Sec	ure personal conte	nt server		
First Named Inventor/Applicant Name:	Sco	ott A. Moskowitz			
Filer:	Bru	ce Talbot Margulie	S		
Attorney Docket Number:	sco	DT0016-7			
Filed as Large Entity					
Filing Fees for Utility under 35 USC 111(a)					
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:					
UTILITY APPLICATION FILING		1011	1	280	280
UTILITY SEARCH FEE		1111	1	600	600
UTILITY EXAMINATION FEE		1311	1	720	720
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
	Total in USD (\$)			1600

Electronic Acl	knowledgement Receipt
EFS ID:	29336438
Application Number:	15607820
International Application Number:	
Confirmation Number:	9854
Title of Invention:	Secure personal content server
First Named Inventor/Applicant Name:	Scott A. Moskowitz
Customer Number:	31518
Filer:	Bruce Talbot Margulies
Filer Authorized By:	
Attorney Docket Number:	SCOT0016-7
Receipt Date:	30-MAY-2017
Filing Date:	
Time Stamp:	11:48:25
Application Type:	Utility under 35 USC 111(a)

# Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1600
RAM confirmation Number	053017INTEFSW11491400
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to ch	arge indicated fees and credit any overpayment as follows:

File Listing:						
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.	
			45738			
1		Transmittal_SCOT0016-7_5-4-2 017c.pdf	6237d06d5e4bc76b1210b22ccc969abd0e b46154	yes	5	
	Multi	 ipart Description/PDF files in .	zip description			
	Document De	escription	Start	Eı	nd	
	Transmittal of Nev	w Application	1	2		
	Preliminary An	nendment	3	3		
	Claim	Claims		4		
	Miscellaneous Inc	coming Letter	5	5		
Warnings: Information:						
			227295			
2		Specification_Claims_Abstract_ SCOT0016-7_5-4-2017c.pdf	59048229ab78d7965aa472018b227a560d eb28be	yes	43	
	Multi	ipart Description/PDF files in .	zip description			
	Document De	escription	Start	Eı	nd	
	Specifica	ation	1	3	1	
	Claim	15	32	41 42 43		
	Abstra	act	42			
	Miscellaneous Inc	coming Letter	43			

			879716		
3	Drawings-only black and white line drawings	Figures_SCOT0016-7_5-4-2017 c.pdf	97d5b1cf22d9cfee347b204dc110238ə4f30 5166	no	10
Warnings:					
Information:					
			7710830		
4	Oath or Declaration filed	ExecutedDeclaration_SCOT001 6-7_5-9-2017c.pdf	b1fe536454d71a2b29520f1c37249f2a040e a209	no	4
Warnings:		•			
Information:					
			1156923		
5	Miscellaneous Incoming Letter	SubstituteStatement_SCOT001 6-7_5-4-2017c.pdf	f2397e1862a420779ec4f5f2537f081b387b b9f1	no	2
Warnings:		ł	I		
Information:					
			1823911		
6	Application Data Sheet	aia0014_SCOT0016-7_5-4-2017 .pdf	3de96e8825da7ce0d007c30369ff2bd5c34 84154	no	9
Warnings:					
Information:					
			35046		
7	Fee Worksheet (SB06)	fee-info.pdf	a86dc2b8182272535451b23c10147662dea 27b74	no	2
Warnings:		1			
Information:					
		Total Files Size (in bytes)	118	379459	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

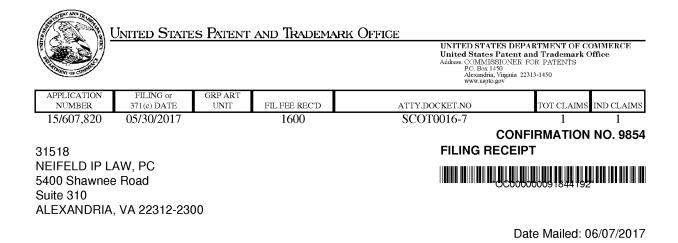
PTO/SB/06 (09-11) Approved for use through 1/31/2014. OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

P	ATENT APPL		E DETE	ERMINATION		Applicatio	d to a collection o on or Docket N 5/607,820		Filing Date 05/30/2017	To be Mailed
				APPLIC/	ATION AS FIL	ED – PAI	ENTITY: RT I		ARGE 🗌 SMA	
			(Column 1	)	(Column 2)					
	FOR	Ν	IUMBER FIL	.ED	NUMBER EXTRA		RAT	E (\$)	F	EE (\$)
	BASIC FEE (37 CFR 1.16(a), (b), (	or (c))	N/A		N/A		N	/A		
	SEARCH FEE (37 CFR 1.16(k), (i), d	or (m))	N/A		N/A		N	/A		
	EXAMINATION FE (37 CFR 1.16(o), (p), (		N/A		N/A		N	/A		
	TAL CLAIMS CFR 1.16(i))		min	us 20 = *			X \$	=		
IND	EPENDENT CLAIM CFR 1.16(h))	S	mi	nus 3 = *			X \$	=		
	APPLICATION SIZE (37 CFR 1.16(s))	FEE for s fract	aper, the a mall entity	ation and drawing application size f /) for each additi of. See 35 U.S.C	ee due is \$310 ( onal 50 sheets c	\$155 or				
	MULTIPLE DEPEN	IDENT CLAIM PR	RESENT (3	7 CFR 1.16(j))						
* lf	the difference in colu	ımn 1 is less thar	i zero, ente	r "0" in column 2.			ТО	TAL		
		(Column 1)		(Column 2)	ON AS AMEN (Column 3		ART II			
AMENDMENT	05/30/2017	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	TRA	RAT	E (\$)	ADDITIC	ONAL FEE (\$)
ME	Total (37 CFR 1.16(i))	* 1	Minus	** 20	= 0		× \$80 =	=		0
ΕN	Independent (37 CFR 1.16(h))	* 1	Minus	***3	= 0		× \$420	=		0
AM	Application Si	ze Fee (37 CFR	1.16(s))							
	FIRST PRESEN	ITATION OF MULT	PLE DEPEN	DENT CLAIM (37 CFF	R 1.16(j))					
		(Column 1)		(Column 2)	(Column 3	)	TOTAL A	DD'L FEE		0
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	TRA	RAT	E (\$)	ADDITIC	ONAL FEE (\$)
ENT	Total (37 CFR 1.16(i))	*	Minus	**	=		X \$	=		
ENDM	Independent (37 CFR 1.16(h))	*	Minus	***	=		X \$	=		
N N N N	Application Si	ze Fee (37 CFR	1.16(s))							
AM	FIRST PRESEN	ITATION OF MULT	PLE DEPEN	DENT CLAIM (37 CFF	R 1.16(j))					
							TOTAL A	DD'L FEE		
** lf *** The	the entry in column the "Highest Numbe If the "Highest Numb "Highest Number P collection of informat	er Previously Paio er Previously Pa reviously Paid Fo	l For" IN T⊦ id For" IN T vr" (Total or	IIS SPACE is less HIS SPACE is less Independent) is the	than 20, enter "20" than 3, enter "3". e highest number f	ound in the	appropriate bo		n 1.	

process) an application. Confidentiality is governed by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to life (and by the USF10 to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

	PAT	ENT APPLI		N FEE DE		ION RECOR	D		tion or Docket Num 7,820	ber
	APP	LICATION A			umn 2)	SMALL	ENTITY	OR	OTHER SMALL	
(Column 1) (Column 2) FOR NUMBER FILED NUMBER EXTRA						RATE(\$)	FEE(\$)	]	RATE(\$)	FEE(\$)
	IC FEE FR 1.16(a), (b), or (c))	N	/A	N	J/A	N/A			N/A	280
	RCH FEE FR 1.16(k), (i), or (m))	N	/A	Ν	J/A	N/A			N/A	600
	MINATION FEE FR 1.16(o), (p), or (q))	N	/A	N	J/A	N/A			N/A	720
	AL CLAIMS FR 1.16(i))	1	minus 20	)= *				OR	× 80 =	0.00
(37 CFR 1.16(i)) INDEPENDENT CLAIMS (37 CFR 1.16(h)) 1 minus		minus 3	= *					× 420 =	0.00	
FEE	PLICATION SIZ	E sheets of \$310 (\$15 50 sheets	oaper, the 5 for smal or fractior	nd drawings e application si l entity) for ea thereof. See CFR 1.16(s).	ze fee due is ch additional					0.00
MUL	TIPLE DEPENDE	ENT CLAIM PRE	SENT (37	CFR 1.16(j))						0.00
* If t	ne difference in co	olumn 1 is less th	an zero, e	nter "0" in colur	mn 2.	TOTAL			TOTAL	1600
	APPLIC	(Column 1)	MENDE	(Column 2)	(Column 3)	SMALL	ENTITY	OR	OTHEF SMALL	
NT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
ME	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
AMENDMENT	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	X =	
AM	Application Size Fe	e (37 CFR 1.16(s))						1		
	FIRST PRESENT	TION OF MULTIPI	E DEPEND	ENT CLAIM (37 C	CFR 1.16(j))			OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
		(Column 1)		(Column 2)	(Column 3)			-		
NT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
MEN	Total (37 CFR 1.16(i))	*	Minus	**	=	X =		OR	x =	
ENDMENT	Independent (37 CFR 1.16(h))	*	Minus	***	-	x =		OR	X =	
AMI		e (37 CFR 1.16(s))			L					
	FIRST PRESENT	TION OF MULTIPI	E DEPEND	ENT CLAIM (37 C	CFR 1.16(j))			OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
*	<ul> <li>If the entry in cc</li> <li>If the "Highest N</li> <li>If the "Highest Nu</li> <li>The "Highest Num</li> </ul>	lumber Previous umber Previously	ly Paid For Paid For" IN	" IN THIS SPA I THIS SPACE is	CE is less than s less than 3, ent	20, enter "20".	in column 1.			



Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections

Inventor(s)

Scott A. Moskowitz, Ft. Lauderdale, FL;	
Mike W. Berry, Seattle, WA;	
Applicant(s)	
Wistaria Trading Ltd, Hamilton, BERMUDA;	
Assignment For Published Patent Application	
Wistaria Trading Ltd, Hamilton, BERMUDA	

Power of Attorney: None

#### Domestic Priority data as claimed by applicant

This application is a CON of  $14/869,279\ 09/29/2015$ which is a CON of  $14/256,315\ 04/18/2014\ PAT\ 9231980$ which is a CON of  $13/796,538\ 03/12/2013\ PAT\ 8789201$ which is a CON of  $13/413,691\ 03/07/2012\ PAT\ 8739295$ which is a CON of  $12/287,443\ 10/09/2008\ PAT\ 8171561$ which is a CON of  $10/049,101\ 07/23/2002\ PAT\ 7475246$ which is a 371 of PCT/US2000/021189\ 08/04/2000 which claims benefit of  $60/147,134\ 08/04/1999$ and claims benefit of  $60/213,489\ 06/23/2000$ 

**Foreign Applications** for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <u>http://www.uspto.gov</u> for more information.) - None. *Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.* 

page 1 of 4

#### Permission to Access Application via Priority Document Exchange: Yes

#### Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 06/05/2017 The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US 15/607,820 Projected Publication Date: 09/14/2017 Non-Publication Request: No Early Publication Request: No Title

Secure personal content server

#### **Preliminary Class**

#### Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

### PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, page 2 of 4

this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

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### Title 37, Code of Federal Regulations, 5.11 & 5.15

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### NOT GRANTED

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page 3 of 4

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page 4 of 4

	<u>ed States Patent a</u>	UNITED STATES DEPAR United States Patent and Adress: COMMISSIONER F P.O. Box 1450 Alexandria, Virginia 223 www.uspto.gov	Trademark Office OR PATENTS			
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
15/607,820	05/30/2017	Scott A. Moskowitz	SCOT0016-7	9854		
31518 NEIFELD IP L	7590 06/13/2017		EXAM	INER		
5400 Shawnee			AVERY, JEREMIAH L			
Suite 310 ALEXANDRIA	A, VA 22312-2300		ART UNIT	PAPER NUMBER		
			2431			
			NOTIFICATION DATE	DELIVERY MODE		
			06/13/2017	ELECTRONIC		

### Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

general@neifeld.com rneifeld@neifeld.com rhahl@neifeld.com

PTOL-90A (Rev. 04/07)

	Application No. 15/607,820	Applicant(s) MOSKOWIT	
Office Action Summary	Examiner JEREMIAH AVERY	<b>Art Unit</b> 2431	AIA (First Inventor to File) Status No
The MAILING DATE of this communication app Period for Reply	bears on the cover sheet with the	corresponden	ce address
A SHORTENED STATUTORY PERIOD FOR REPL THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	36(a). In no event, however, may a reply be ti will apply and will expire SIX (6) MONTHS from , cause the application to become ABANDON	mely filed n the mailing date of ED (35 U.S.C. § 133	this communication.
Status 1)⊠ Responsive to communication(s) filed on <u>05/3</u>	<u>0/2017</u> .		
A declaration(s)/affidavit(s) under <b>37 CFR 1</b> .	130(b) was/were filed on		
	action is non-final.		
3) An election was made by the applicant in resp ; the restriction requirement and election	•		ng the interview on
4) Since this application is in condition for allowa closed in accordance with the practice under <i>I</i>	nce except for formal matters, pr	osecution as t	to the merits is
Disposition of Claims*			
5) Claim(s) <u>1</u> is/are pending in the application.			
5a) Of the above claim(s) is/are withdra 6) ☐ Claim(s) is/are allowed.	wn from consideration.		
7) Claim(s) $\underline{1}$ is/are rejected.			
8) Claim(s) is/are objected to.			
9) Claim(s) are subject to restriction and/c			
* If any claims have been determined <u>allowable</u> , you may be e participating intellectual property office for the corresponding a		-	way program at a
http://www.uspto.gov/patents/init_events/pph/index.jsp or send			
Application Papers			
10) The specification is objected to by the Examine	er.		
11) The drawing(s) filed on <u>05/30/2017</u> is/are: a)	. , .	•	
Applicant may not request that any objection to the			
Replacement drawing sheet(s) including the correc	tion is required if the drawing(s) is of	ojected to. See	37 CFR 1.121(d).
Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign	priority under 35 U.S.C. & 110/s	$a_{-}(d)$ or $(f)$	
Certified copies:		u)-(u) or (i).	
a) All b) Some** c) None of the:			
1. Certified copies of the priority documen			
2. Certified copies of the priority documen			
3. Copies of the certified copies of the price application from the International Burea	•	veu in this mai	lonal Stage
** See the attached detailed Office action for a list of the certifi			
Attachment(s) 1) X Notice of References Cited (PTO-892)	3) 🔲 Interview Summar	v (PTO-413)	
<ul> <li>2) Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/ Paper No(s)/Mail Date</li> </ul>	Paper No(s)/Mail [		
U.S. Patent and Trademark Office PTOL-326 (Rev. 11-13) Office Action	Summary	Part of Paper No	o./Mail Date 20170608

### DETAILED ACTION

I. Claims 2-31 were cancelled in a preliminary amendment.

II. Claim 1 has been examined.

### Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

2. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

### Priority

3. The current application is a continuation of 14/869279 (allowed patent application but U.S. Patent Number not assigned yet), filed 09/29/2015 which is a continuation of 14/256315, filed 04/18/2014, now U.S. Patent #9231980 which is a continuation of 13/796538, filed 03/12/2013, now U.S. Patent #8789201 which is a continuation of 13/413691, filed 03/07/2012, now U.S. Patent #8739295 which is a continuation of 12/287443, filed 10/09/2008, now U.S. Patent #8171561 which is a continuation of 10/049101, filed 07/23/2002, now U.S. Patent #7475246 which is a national stage entry of PCT/US2000/021189, International Filing Date: 08/04/2000 which claims priority from Provisional Application 60147134, filed 08/04/1999. PCT/US2000/021189 also claims priority from Provisional Application 60213489, filed 06/23/2000.

### **Double Patenting**

4. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

5. A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 706.02(I)(1) - 706.02(I)(3) for applications not subject to examination under the first inventor to file

provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

6. The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to

www.uspto.gov/patents/process/file/efs/guidance/eTD-info-l.jsp.

7. Claim 1 is rejected on the ground of nonstatutory double patenting as being unpatentable over claims 31-33 of allowed U.S. Patent Application 14/869279 (U.S. Patent Number has not been assigned yet). Although the claims at issue are not identical, they are not patentably distinct from each other because both are directed to "a local content server system (LCS)", "a communications port", "a domain processor" and have access rules for accessing content via analysis and ascertaining proper authorization.

 Claim 1 of the current application is rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1, 3 and 16 of U.S. Patent No. 7,475,246. Although the claims at issue are not identical, they are not patentably distinct from each other because both are directed to a "local content server system" containing "a communications port", "a domain processor", "a programmable address module" and

"said domain processor permitting the LCS to receive digital content from outside the LCS provided the LCS first determines that the digital content being delivered to the LCS is authorized for use by the LCS".

 Claim 1 of the current application is rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1 and 9 of U.S. Patent No.
 8,171,561. Although the claims at issue are not identical, they are not patentably distinct from each other because both are directed to a "local content server system" containing "a communications port", "a domain processor" and have access rules for accessing content via analysis and ascertaining proper authorization.

10. Claim 1 of the current application is rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1, 2, 12 and 13 of U.S. Patent No. 8,789,201. Although the claims at issue are not identical, they are not patentably distinct from each other because both are directed to a "local content server system" containing "a communications port", "a domain processor" and have access rules for accessing content via analysis and ascertaining proper authorization.

 Claim 1 of the current application, is rejected on the ground of nonstatutory double patenting as being unpatentable over claims 1 and 13 of U.S. Patent No.
 8,739,295. Although the claims at issue are not identical, they are not patentably distinct from each other because both are directed to a "local content server system" containing "a communications port", "a domain processor" and have access rules for accessing content.

### Claim Rejections - 35 USC § 101

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

12. Claim 1 is rejected under 35 U.S.C. 101 because the claimed invention is directed to a judicial exception (i.e., a law of nature, a natural phenomenon, or an abstract idea) without significantly more. Claim 1 is directed to the abstract idea of data protection. The claims does not include additional elements that are sufficient to amount to significantly more than the judicial exception because the additional element(s) or combination of elements in the claim other than the abstract idea per se amount(s) to no more than: recitation of generic computer structure that serves to perform generic computer functions that are well-understood, routine, and conventional activities previously known to the pertinent industry.

13. The claim limitations are directed to collecting information, analyzing it and displaying certain results of the collection and analysis; which has been held to be directed to an abstract idea and non-statutory. Please further refer to Electric Power Group, LLC v. Alstom S.A. (Fed. Cir. 2016). Also, Content Extraction & Transmission, LLC v. Wells Fargo Bank, No. 13-1588 (Fed. Cir. 2014) as it pertains to data recognition and storage. As well as Classen Immunotherapies Inc. v. Biogen IDEC, 659 F.3d 1057, 100 U.S.P.Q.2d 1492 (Fed. Cir. 2011) for collecting and comparing known information.

14. Viewed as a whole, these additional claim element(s) do not provide

meaningful limitation(s) to transform the abstract idea into a patent eligible

application of the abstract idea such that the claim amounts to significantly more

than the abstract idea itself. Therefore, the claim is rejected under 35 U.S.C. 101

as being directed to non-statutory subject matter.

### Claim Rejections - 35 USC § 103

The following is a quotation of pre-AIA 35 U.S.C. 103(a) which forms the basis

for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

The factual inquiries set forth in Graham v. John Deere Co., 383 U.S. 1, 148

USPQ 459 (1966), that are applied for establishing a background for determining

obviousness under pre-AIA 35 U.S.C. 103(a) are summarized as follows:

- 1. Determining the scope and contents of the prior art.
- 2. Ascertaining the differences between the prior art and the claims at issue.
- 3. Resolving the level of ordinary skill in the pertinent art.
- 4. Considering objective evidence present in the application indicating

obviousness or nonobviousness.

15. Claim 1 is rejected under pre-AIA 35 U.S.C. 103(a) as being unpatentable over

United States Patent No. 5,341,429 to Stringer et al., hereinafter Stringer and further in

view of United States Patent No. 6,148,333 to Guedalia et al., hereinafter Guedalia.

16. Regarding claim 1, Stringer discloses a local content server system (LCS) for creating a secure environment for digital content (column 5, lines 35-40 and column 8, lines 39-44), comprising:

b) a rewritable storage medium whereby content received from outside the LCS may be stored and retrieved (column 5, lines 35-40 and column 8, lines 39-44),

c) a domain processor that imposes rules and procedures for content being transferred between the LCS and devices outside the LCS (column 3, lines 55-61, "time-limited and/or function limited use of the data", column 4, lines 6-22, column 5, lines 41-48, column 6, lines 4-11, column 8, lines 39-44 and 63-68, column 9, lines 1-13, column 10, lines 60-68", lets customers work with the software on a 'trial' basis (e.g. up to ten times)" and column 11, lines 1-9, "Upon credit approval, the sales representative gives the customer a special code number(s) that 'unlocks' the software products(s) for unrestricted use"),

and d) a programmable address module which can be programmed with an identification code uniquely associated with the LCS (column 7, lines 43-57, "a watermark or copyright notice that is inserted into the original material" and column 9, lines 43-52),

and said domain processor permitting the LCS to receive digital content from outside the LCS provided the LCS first determines that the digital content being delivered to the LCS is authorized for use by the LCS (column 3, lines 55-61, "time-

limited and/or function limited use of the data", column 4, lines 6-22, column 5, lines 41-48, column 6, lines 4-11, column 8, lines 39-44 and 63-68, column 9, lines 1-13, column 10, lines 60-68", lets customers work with the software on a 'trial' basis (e.g. up to ten times)" and column 11, lines 1-9, "Upon credit approval, the sales representative gives the customer a special code number(s) that 'unlocks' the software products(s) for unrestricted use").

17. Stringer teaches the claimed invention, as cited above. However, Stringer does not teach the claim limitations with regards to "a communications port". Guedalia teaches said limitations, as cited below.

 Further regarding claim 1, Guedalia discloses a) a communications port in communication for connecting the system via a network to at least one Secure Electronic
 Content Distributor (SECD) (column 18, lines 51-62, "Multiple users 705 issue IIP requests via IIP/HTTP communication ports 710 to an image server 715."),

said SECD capable of storing a plurality of data sets, capable of receiving a request to transfer at least one content data set, and capable of transmitting the at least one content data set in a secured transmission (column 7, lines 37-53, "controlling access to the multiplicity of images stored on the image server based on the level of resolution of the image to which the user seeks access and the authorization status of the user", column 8, lines 15-33, column 11, lines 21-57, "if a user is not authenticated, then unit 250 applies the default policy"..."Examples of possible default policies are: issue message; display low resolution image; display partial image; display marked image" and "if access is denied to an authenticated user, image data to which the user is entitled and which is closest to

the image data requested by the user is sent for display", column 12, lines 10-21, column 13, lines 50-57 and column 15, lines 1-14).

19. The motivation to combine would be to provide "the step of monitoring the authorization status of a user includes the step of determining which of a plurality of authorization levels is associated with a given user" (Guedalia – column 6, lines 11-16).

20. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Guedalia within the teachings of Stringer in order to control "access to the multiplicity of images stored on the image server based on the level of resolution of the image to which the user seeks access and the authorization status of the user" (*Guedalia* – column 5, lines 34-44).

21. In assessing whether a claim to a combination of prior art elements/steps would have been obvious, the question to be asked is whether the improvement of the claim is more than the predictable use of prior art elements or steps according to their established functions. KSR Int'I Co. v. Teleflex Inc., 550 U.S. 398, 418 (2007). "[T]he analysis need not seek out precise teachings directed to the specific subject matter of the challenged claim, for a court can take account of the inferences and creative steps that a person of ordinary skill in the art would employ." Id. at 418. It is well established that in evaluating references it is proper to take into account not only the specific teachings of the references but also the inferences which one skilled in the art would reasonably be expected to draw therefrom. In re Preda, 401 F.2d 825, 826 (CCPA 1968).

### Conclusion

22. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references cited of form PTO-892 are cited to further show the state of the art with respect to data protection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEREMIAH AVERY whose telephone number is (571)272-8627. The examiner can normally be reached on Monday thru Friday 8:30am-5pm.

24. Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

25. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cordelia Zecher can be reached on (571) 272-7771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

26. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JEREMIAH AVERY/ Primary Examiner, Art Unit 2431

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۲	J	US-7,233,948 B1	06-2007	Shamoo	on; Talal G.		н	04N21/234318	348/E5.004	
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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 20170608



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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

# **BIB DATA SHEET**

### **CONFIRMATION NO. 9854**

SERIAL NUM	IBER	FILING			CLASS	GR	OUP AR1		ΑΤΤΟ	DRNEY DOCKET NO.
15/607,82	20	<b>DAT</b> 05/30/2			726		2431		5	SCOT0016-7
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### **EAST Search History**

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	(MOSKOWITZ-SCOTT-A.in. or BERRY- MIKE-W.in.) and (server and processor and content and watermark\$).clm.	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:27
L2	6	BLUE-SPIKE-INC.as. and (server and processor and content and watermark\$).clm.	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:27
L3	2980	(authori\$7 or un\$1authori\$7) near2 ((data information content) near2 set)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:32
L4	357	L3 and (rules or parameter or guideline or policy or policies) same quality	US- PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2017/06/08 16:32
L5	282	(Unsecure\$1 secure\$1 legacy) near2 ((data information content) near2 set)	EPO; JPO; DERWENT	OR	ON	2017/06/08 16:32
L6	35	L5 and (rules or parameter or guideline or policy or policies)	EPO; JPO; DERWENT	OR	ON	2017/06/08 16:32
L7	47968	((quality near\$3 (level or resolution)) or (hierarch\$ near quality)) same2 ((legacy or early or earlier or earliest or previous\$ or old or older) same (audio or video or digital or media or multi?media or image or music or movie or tv or television)) and (store or storing or storage or memory or database or repositor\$) and (@ad<"19990804" or @pd<"19990804")	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L8	1730	L7 and (authentic\$ or verify\$ or verification) and (authoriz\$ or authoris\$ or valid or validat\$) and ((client or user or member or membership or person) with (ID or identit\$ or identif\$))	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L9	1536	L8 and (right or permit or permission or privilege)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L10	1125	L9 and ((right or permit or permission or privilege or rules or parameter or guideline or policy or policies) same (quality or resolution or level or range))	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L11	1060	L10 and (transmit\$ or transmission or send or sending or sent or upload\$ or uplink or download\$)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L12		L11 and (((audio or video or digital or media or multi?media or image or music	US- PGPUB;	OR	ON	2017/06/08 16:33

		or movie or tv or television)) same ((store or storing or storage or memory or database or repositor\$) same2 server))	USPAT; EPO			
L13	2	L12 and (380/236.ccls. or 380/237.ccls. or 380/238.ccls. or 713/169.ccls. or 455/3.06.ccls. or 726/26.ccls.)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 16:33
L14	11768	(@ad<"19990804" @pd<"19990804" @prad<"19990804") and (server and (((transmit\$ or transmission or send or sending or sent or upload\$ or uplink or download\$)) same (rules or parameters or policy or policies or guidelines)))	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L15	6341	L14 and (authoriz\$ or authoris\$ or valid or validat\$) and (ID or identit\$ or identif\$)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L16	2206	L15 and domain	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L17	145	L16 and ((quality with (level or resolution or version)) or (hierarch\$ with quality)) and ((legacy or early or earlier or earliest or previous\$ or before) with (audio or video or digital or media or multi?media or mpeg or image or jpeg or jpg or gif or bitmap or bmp or mp3 or wav))	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L18	145	L17 and (store or storing or storage or database or repositor\$) and server	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L19	145	L18 and (low or lower or degrad\$5)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L20	145	L19 and (play\$4 or execut\$4 or perform\$4)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
L21	40	L20 and (380/236.ccls. or 380/237.ccls. or 380/238.ccls. or 713/169.ccls. or 455/3.06.ccls. or 726/1.ccls. or 726/26.ccls. or H04L63/20.cpc. or H04L29/06.cpc. or H04L63/20.cpc. or H04L67/02.cpc. or H04N7/1675.cpc. or H04N21/4181.cpc. or G06F21/10.cpc. or H04N21/4183.cpc. or H04N21/8358.cpc. or H04N21/4627.cpc. or G06F2221/0706.cpc. G06F 2221/0733)	US- PGPUB; USPAT; EPO	OR	ON	2017/06/08 17:14
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EAST Search History

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	Application/Control No.	Applicant(s)/Patent Under Reexamination
Search Notes	15607820	MOSKOWITZ ET AL.
	Examiner	Art Unit
	JEREMIAH AVERY	2431

CPC- SEARCHED		
Symbol	Date	Examiner
H04L 63/20, H04L 29/06, H04L 63/20, H04L 67/02, H04N 7/1675,	6/8/2017	JLA
H04N 21/4181, G06F 21/10, H04N 21/4183, H04N 21/8358, H04N		
21/4627, G06F 2221/0706 and G06F 2221/0733 (text search)		

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US CLASSIFICATION SEARCHED							
Class	Subclass	Date	Examiner				
380	236, 237, 238 (text search)	6/8/2017	JLA				
713	169 (text search)	6/8/2017	JLA				
455	3.06 (text search)	6/8/2017	JLA				
726	1 and 26 (text search)	6/8/2017	JLA				

SEARCH NOTES						
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Inventor Search	6/8/2017	JLA				
Assignee Search	6/8/2017	JLA				
Keywords in EAST Search	6/8/2017	JLA				
Keywords Search within Class 380, subclasses 236-238, Class 713, subclass 169, Class 455, subclass 3.06 and Class 726, subclasses 1 and 26	6/8/2017	JLA				
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# INTERFERENCE SEARCH

U.S. Patent and Trademark Office

Part of Paper No.: 20170608

US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
None	none	6/8/2017	JLA

U.S. Patent and Trademark Office

Part of Paper No. : 20170608

#### SCOT0016-7

#### Obc Code: PA.

Document Description: Power of Attorney

PTO/A/A/828 107-15 Description: Power of Attorney Approved for use through 01/31/2016. CME 0681-0038 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMENCE Under the Paperwork Radiation Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number

hereby revoke all previous powers of attorney given in the application identified in <u>either</u> the attached transmittal letter of the boxes below.           Application Number       Filing Date         15607820       5/30/2017         (Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)       Interdep appoint the Patenti Preditioner(s) associated with the following Ousteemer Number as mylour attorney(s) or agent(s) for transact all business in the United States Patent and Trademark (Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above.         OR       31518         OR       31518         Please recognize or change the correspondence address for the application identified in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Neice: Connected therewith for the patent application identified in the attached transmittal letter or the boxes above to:         The address associated with the above-mantioned Customer Number       OR         OR       Neither above to:         The address associated with the above-mantioned Customer Number       OR         OR       State       Zip         Or and the address associated with Customar Number:       Or         OR       Neither and the application is a jurstic entity. Ist the Applicant name in the box):         Wistaria Trading Ltdd:       Implication or assign (provide signer's title if applicant is a jurstic entity. Ist the Applicant for Patent         Legal Representati		POWER OF ATTC	RNEY BY	APPLICAN	١T
Application Number       Filing Date         15607820       5/30/2017         (Note::: The boxes above may be left blank if information is provided on form PTC/AIA/82A.)         If brotyk appoint the Patellionar(s) associated with the following Customer Number as my/our attorney(s) or agent(s), for panel at business in the United States Patern and Trademark Office connected thorewith for the application referenced the attached transmittal letter (form PTC/AIA/82A) or identified above:         If brotyk appoint the Patellionar(s) named in the attached list (form PTC/AIA/82C) as my/our attorney(s) or agent(s), and to transmittal letter (form PTC/AIA/82A) or identified above: (Note:: Complete form PTC/AIA/82C.)         Please recognize or change the correspondence address for the application identified in the attached transmittiliter of the boxes above to:         The address associated with the above-mentioned Customer Number         OR         OR         The address associated with Customer Number         OR         Referes         State       Zip         OR         OR         Vestaria       Trade address associated with Customer Number         OR       Email         Inservice       Zip         Output       Email         Inservice       Zip         Or address associated with Customer Number       Inservice         OR       Fitm or	hereby revoke all	previous powers of attorney given in th	ne application identi	ified in <u>either</u> the	attached transmittal letter or
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I hereby appoint the Patent Practitioner(s) essociated with the following Outcomer Number a my/our storney(s) or agent(s) to transact all business in the Unated State Patent and Trademark Office connected therewith for the application referenced the attached transmittal letter (form PTO/AIA/82A) or identified above.         OR       31518         I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to trait at business in the United States Petent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Nete: Complete form PTO/AIA/82C)         Please recognize or change the correspondence address for the application identified in the attached transmittilister or the boxes above to:         The address associated with the above-mentioned Customer Number         OR         The address associated with Customar Number         OR         Film or findividual Name         OR         State       Zip         Org         Investor or Joint Inventor (title not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (title not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (title not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (title not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (tite regineris title if applicant is a juristic entity) s		15607820	5,	/30/2017	
Intereby appoint the Patent Practitioner(s) associated with the following Outcomer Number a my/our stome(s) or agent(s) to transact all business in the United State Patent and Trademark Office connected therewith for the application referenced the attached transmittal letter (form PTO/AIA/82A) or identified above.         OR       31518         Intereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to trait attached transmittal letter (form PTO/AIA/82A) or identified above. (Nete: Complete form PTO/AIA/82C)         Please recognize or change the correspondence address for the application identified in the attached transmittilietter or the boxes above to:         Interest associated with the above-mentioned Customer Number         OR         The address associated with the above-mentioned Customer Number         OR         The address associated with Customer Number         OR         OR         OR         OR         OR         OR         OR         OR         OR         Individual Name         Vistaria         Individual Name         Address         Or         Individual Name         Vistaria         Trading         Lidgil Representative of a Deceased or Legally incapacitated Inventor (tills not required below)         As	(Ne	te. The boxes above may be left blank if in	nformation is provide	d on form PTO/AU	V82A.)
Please recognize or change the correspondence address for the application identified in the attached transmitting of the boxes above to:         Image: the address associated with the above-mentioned Customer Number DR         DR         The address associated with Customer Number:         DR         Prem or individual Name         Address         Date         D	I hereby app to transact a the attached OR I hereby app	point the Patent Practitioner(s) associated v ill business in the United States Patent and I transmittal letter (form PTO/AIA/82A) or ic point Practitioner(s) named in the attached	with the following Cus i Trademark Office or dentified above 31 ist (form PTO/AIA/60 k Office connected th	stomer Number as annected therewith 518 2C) as my/our atto serewith for the pat	my/our attomey(s) or agent(s), ar for the application referenced in mey(s) or agent(s), and to transai ent application referenced in the
letter or the boxes above to:         The address associated with the above-mentioned Customer Number         OR         The address associated with Customar Number:         OR         Firm or         individual Name         Address         Oty         Events         OR         Firm or         individual Name         Address         Oty         Events         Country         Felephone         Email         Inventor or Joint Inventor (little not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (little not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (little not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (little not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (little not required below)         Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)         SIGNATURE of Applicant for Patent         The undersigned (whose title is supplied below) is automzed to at on behalf of the applicant is a juristic entity)         Signature       Seart Mockowitz         Name       Seart Mockowitz <td>Please recognize</td> <td>or change the correspondence add</td> <td></td> <td>**************************************</td> <td>666686697999999999999999999999999999999</td>	Please recognize	or change the correspondence add		**************************************	666686697999999999999999999999999999999
OR       The address associated with Customer Number:         OR       Firm or         Individual Name       State         Address       Zip         Country       State         Country       Email         Country       Engail ender Email         Country       Engail ender Email <td< td=""><td>letter or the boxe</td><td>is above to:</td><td></td><td></td><td></td></td<>	letter or the boxe	is above to:			
The address associated with Customer Number         OR         Firm or Individual Name         Address         City       State         Country         Country         Celephone       Email         am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):         Wistaria Trading Ltd.         Inventor of Joint Inventor (fitle not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (fitle not required below)         Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)         SignATURE of Applicant for Patient         Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a pattion under 37 CFR 146(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)         SigNATURE of Applicant for Patient         The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity)         SigNATURE of Applicant for Patient         Name       Seerifications I         Name       Seerifications I         Name       Seerification I         Name       Seerification I         Name       Seerifications II more than one applicant us multiple forms.<	£.2	s associated with the above-mentioned Cu	stomer Number		
OR       Firm or         Individual Name       Address         Address       Zip         Country       State       Zip         Country       Email       Email         Celephone       Email       Email         am the Applicant (if the Applicant is a juristic entily, list the Applicant name in the box):       Wistaria Tracking Ltd.         Inventor or Joint Inventor (title not required below)       Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)         Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entily)         Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entily)         StiONATURE of Applicant for Patent         The undersigned (whose Bite is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity)         Signature       Date (Optional)         Marrie       Seart Moskowitz         Title       President and Director         NOTE:       Signature - This form must be signed by the explicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirement and certifications if more than one applicant, use multiple forms.		Number			
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State       Zip         Country       Email         relephone       Email         am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box);       Wistaria Trading Ltd.         Inventor or Joint Inventor (litle not required below)       Legal Representative of a Deceased or Legally incapacitated Inventor (litle not required below)         Legal Representative of a Deceased or Legally incapacitated Inventor (litle not required below)         Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)         Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a patition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)         SigNATURE of Applicant for Patient         The undersigned (whose the is supplied below) is automized to act on behalf of the applicant (e.g., where the applicant is a juristic entity)         Signature       Date (Options)         Name       SeartMeskowitz         Title       President and Director         NOTE:       Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. Sec 37 CFR 1.4 for signature requireme and certifications if more than one applicant, use multiple forms.		lame			
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Country       Email         Celephone       Email         am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):           Wistaria Trading Ltd.           Inventor or Joint Inventor (litle not required below)           Legal Representative of a Deceased or Legally Incapacitated Inventor (litle not required below)           Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)           Person Who Othenwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)          SIGNATURE of Applicant for Patent         The undersigned (whose site is supplied below) is autorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity)         Signature          Date (Octional)          Name       SeartNeskowitz         Title          President and Director          NOTE:          Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requiremes and certifications if more than one applicant, use multiple forms:	*****		T State		T Zip
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Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)         SIGNATURE of Applicant for Patent         The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity)         Signature       Date (Optional)         Name       SeemSoskowitz         Title       President and Director         NOTE:       Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requiremes and certifications. If more than one applicant, use multiple forms.	Legal Repri	esentative of a Deceased or Legally incaps	ataiated mivenitor (une	i nor uzdan za omo	erez. 15. auractica da la tradativa ambibid
application or is concurrently being filed with this document) (provide signed since if applicant is a junction of applicant for Patent         Signature of Applicant for Patent         The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a junctic entity)         Signature       Date (Optional)         Name       SeertMoskowitz         Title       President and Director         NOTE:       Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirement and certifications.	Assignee o	r Person to Whom the Inventor is Under an	n Obligation to Assign	i (provide signer s	(ille il applicant is a junistic entry)
The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a junctic entry Date (Optional)         Signature       Date (Optional)       Optional)         Name       SeartNoskowitz       Date (Optional)       Optional)         Title       President and Director         NOTE:       Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirement of certifications. If more than one applicant, use multiple forms.	Person Wh application	<ul> <li>Otherwise Shows Sufficient Proprietary II or is concurrently being filed with this docu</li> </ul>	nterest (e.g., a petitio ument) (provide signe	n under 37 CFR 1 r's title if applicant	.46(b)(2) was granted in the is a juristic entity)
Signature         Date (Optional)         Output of the content of the					
Name         Sewit Moskowitz           Title         President and Director           NOTE:         Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirement and certifications. If more than one applicant, use multiple forms.	The undersigned		e act on behalf of the s	applicant (e.g., where	e me applicant is a juristic entry)
Title         President and Director           NOTE:         Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirement and certifications. If more than one applicant, use multiple forms.	Signature	and the second		Liate (Optional)	<u></u>
NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requireme and certifications. If more than one applicant, use multiple forms.	Name	Seort Hoskowitz		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
and certifications. If more than one applicant, use multiple forms.	Title	President and Director			
	NOTE: Signature and certifications	<ul> <li>This form must be signed by the applicant i If more than one applicant, use multiple form</li> </ul>	in accordance with 37 16.	CFR 1.33. Sec 37	CAM 1.4 IOF SIGNALLIE REGUITEMENTS
Total of forms are submitted.	www.	forms are submitted.			

Including gathering, imepaning, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any communits on the amou of time you require to complete this form and/or suggestions for individual process to individual case. Any community on the amou Dependent of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORME TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORME TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORME TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORME TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORME TO THIS ADDRESS, SEND TO: Commissioner

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

ASSISTANT COMMISSIONER FOR PATENTS ALEXANDRIA, VA 22313

# REMARKS NOTING SUBMISSION OF POWER OF ATTORNEY AND STATEMENT UNDER 37 CFR 3.73(b)

Dear Sir or Madam:

The applicant submits herewith a power of attorney to prosecute applications before the USPTO and a Statement Under 37 CFR 3.73(b), both executed by the assignee of the subject application. Also included are two relevant assignments of the application. Please update USPTO records to reflect that the practitioners associated with Customer Number 31518 have been appointed as powers of attorney for this application; and please issue a revised Official Filing Receipt.

8/10/2017 Date Respectfully Submitted, /BruceMargulies/ Bruce Margulies Registration No. 64,175

Printed: August 10, 2017 (9:31pm)

Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\POA_373_Filing_SCOT0016-7_8-10-2017.wpd Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

# **37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

1. THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY FEES WHICH MAY BE REQUIRED, OR CREDIT ANY OVERPAYMENT, TO DEPOSIT ACCOUNT NUMBER 50-2106.

# 2. FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$:

3. THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH:

REMARKS NOTING SUBMISSION OF POWER OF ATTORNEY AND STATEMENT UNDER 37 CFR 3.73(b) (1 page)

Power of Attorney to Prosecute Applications Before the USPTO (1 page) Statement Under 37 CFR 3.73(b) (2 pages)

Assignment from Inventors to Blue Spike, Inc. (4 pages)

Assignment from Blue Spike, Inc. To Wistaria Trading Ltd (5 pages)

# 4. FOR INTERNAL NEIFELD IP LAW, PC USE ONLY

Disbursements, Service Fees: None.

INITIALS OF PERSON WHO *ENTERED* ACCOUNTING DATA: BTM ATTORNEY SIGNATURE (AUTHORIZING DEPOSIT ACCOUNT) **DATE:** 8/10/2017 **SIGNATURE:** /BruceMargulies/ Printed: August 10, 2017 (9:31pm) Bruce Margulies, Reg. No. 64,175

Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\POA_373_Filing_SCOT0016-7_8-10-2017.wpd

Electronic Acknowledgement Receipt				
EFS ID:	30050052			
Application Number:	15607820			
International Application Number:				
Confirmation Number:	9854			
Title of Invention:	Secure personal content server			
First Named Inventor/Applicant Name:	Scott A. Moskowitz			
Customer Number:	31518			
Filer:	Bruce Talbot Margulies			
Filer Authorized By:				
Attorney Docket Number:	SCOT0016-7			
Receipt Date:	10-AUG-2017			
Filing Date:	30-MAY-2017			
Time Stamp:	21:36:44			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment			no					
File Listing:								
Document         Document Description         File Name           Number         File Name         File Name				File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)		
				16965343				
1	1 POA_3/3_Filing_SCO10016 8-10-2017c.pdf		A_373_Filing_SCOT0016-7_ 8-10-2017c.pdf	4ff0bf6c33d4fa027257169d074dc13f631a8 828	yes	14		

	Multipart Description/PDF files in .zip description				
	<b>Document Description</b>	Start	End		
	Miscellaneous Incoming Letter	10	14		
	Miscellaneous Incoming Letter	6	9		
	Miscellaneous Incoming Letter		5		
	Power of Attorney	3	3		
	Miscellaneous Incoming Letter	2	2		
	Transmittal Letter	1	1		
Warnings:		· · · · ·			
Information:					
	Total Files Size (in by	t <b>es):</b> 169	65343		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

NEIFELD REF:	SCOT0001 SCOT0016-7
CLIENT REF:	SCOT0001

# 37 CFR 1.46 ASSIGNMENT PATENTS AND APPLICATIONS

WHEREAS, the assignor entity (or entities) and their principle place of business and state of incorporation, listed below (hereinafter referred to as "ASSIGNOR"):

# FIRST ASSIGNOR ENTITY:

NAME	BLUE SPIKE, INC.
ADDRESS (in order: street; city; state; country; postal code.)	16711 COLLINS AVENUE #2505, SUNNY ISLES BEACH, FLORIDA 33160
STATE OF INCORPORATION	Florida

APPUI-FILING PATENT ISSUE COU Neifeld Docket/TITLE CATION DATE NUMBER DATE NTR NUMBER Y US 09731039 12/7/200 7177429 2/13/200 SCOT0015-1 System and methods for 7 permitting open access to data objects and Ø for securing data within the data objects US 12/29/20 7532725 5/12/200 SCOT0015-2 System and methods for 11647861 permitting open access to data objects and 060 for securing data within the data objects 12383879 US SCOT0015-3 System and methods for 3/30/200 7813506 10/12/209 10 permitting open access to data objects and for securing data within the data objects 9/11/201 US SCOT0015-4 System and methods for 12886732 9/21/201 8265278 permitting open access to data objects and 2 0 for securing data within the data objects 13572641 8/11/201 8767962 7/1/2014 US SCOT0015-5 System and methods for permitting open access to data objects and  $\mathbf{2}$ for securing data within the data objects 13794742 3/11/201 8798268 8/5/2014 US. SCOT0015-6 System and methods for permitting open access to data objects and 3 for securing data within the data objects US SCOT0015-7 System and methods for 14271559 5/7/2014 Pending permitting open access to data objects and for securing data within the data objects 10049101 7/23/200 7475246 1/6/2009 US SCOT0016-1 Secure personal content 2 server 12287443 10/9/200 8171561 5/1/2012 US SCOT0016-2 Secure personal content 8 server 13413691 3/7/2012 8739295 5/27/201 US SCOT0016-3 Secure personal content 4 server 13796538 3/12/201 8789201 7/22/201 US SCOT0016-4 Secure personal content Å 3 server 4/18/201 US 14256315 Pending SCOT0016-5 Secure personal content server

own rights in the following applications and patents:

US

SCOT0020-1 Systems, methods and

devices for trusted transactions

1/2/2007

09731040

12/7/200

0

7159116

SCOT0016-7

15607820 is a continuation of

SCOT0016-5

App No:

11512701	8/29/200 6	8538011	9/17/201 3	US	SCOT0020-2 Systems, methods and devices for trusted transactions
13826858	3/14/201 3	Pending		US	SCOT0020-3 Systems, methods and devices for trusted transactions
13797744	3/12/201 3	9070151	6/30/201 5	US	SCOT0020-4 Systems, methods and devices for trusted transactions
09594719	6/16/200 0	7123718	10/17/20 06	US	SCOT0022-1 UTILIZING DATA REDUCTION IN STEGNOGRAPHIC AND CRYPTOGRAPHIC SYSTEMS
11519467	9/12/200 6	7664264	2/16/201 0	US	SCOT0022-2 UTILIZING DATA REDUCTION IN STEGANOGRAPHIC AND CRYPTOGRAPHIC SYSTEMS
12655036	12/22/20 09	8160249	4/17/201 2	US	SCOT0022-3 Utilizing data reduction in steganographic and cryptographic systems
13423650	3/19/201 2	8526611	9/3/2013	US	SCOT0022-4 Utilizing data reduction in steganographic and cryptographic systems
13802471	3/13/201 3	8781121	7/15/201 4	US	SCOT0022-5 Utilizing data reduction in steganographic and cryptographic systems
14271382	5/6/2014	Pending		US	SCOT0022-6 Utilizing data reduction in steganographic and cryptographic systems
09956262	9/20/200 1	7127615	10/24/20 06	US	SCOT0024-1 Security based on subliminal and supraliminal channels for data objects
11518806	9/11/200 6	8271795	9/18/201 2	US	SCOT0024-2 Security based on subliminal and supraliminal channels for data objects
13429396	3/25/201 2	8612765	12/17/20 13	US	SCOT0024-3 Security based on subliminal and supraliminal channels for data objects

-3-

WHEREAS, the assignce entity (or entities), their principle places of business and their state of incorporation listed below (hereinafter referred to as "ASSIGNEE"):

FIRST ASSIGNEE ENTITY:

 NAME	Wistaria Trading Ltd
ADDRESS (in order: street; city; state; country; postal code.)	Clarendon House, 2 Church Street, Hamilton HM 11, Bermuda
 STATE OF INCORPORATION	

are desirous of acquiring the entire right, title and interest in and to said applications and patents and inventions disclosed or claimed therein and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

ASSIGNOR, "BLUE SPIKE, INC.", is listed as the assignee in assignments recorded in the USPTO with the following clerical variations in the assignor's name: "BLUE SPIKE".

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, "BLUE SPIKE, INC.", does, at this time, sell, assign and transfer unto said ASSIGNEE all the rights to the said applications and patents, which includes all rights to claim any invention disclosed in any of said applications and patents, in the United States and its territorial possessions and in all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted in the future or were granted in the past therefor in the United States and its territorial possessions, reissues, continuations, substitutions and renewals thereof which may be granted in the future or were granted in the future or were granted in and to any and all divisions, reissues, continuations, substitutions and renewals thereof which may be granted in the future or were granted in the past. This transfer includes all rights to collect for money for and obtain injunctions based upon, past infringement. This assignment includes all rights to properties previously transferred to Assignor in which clerical variations, such as, "BLUE SPIKE" exist in Assignor's name.

ASSIGNOR hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of ASSIGNOR'S entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, ASSIGNEE'S successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this Assignment and sale not been made.

Further, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or ASSIGNEE'S representatives any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, and said ASSIGNEE'S successors and assigns, to obtain and enforce protection for said invention in the United States and its territorial possessions and in any and all foreign countries. The undersigned hereby grants(s) the firm of Neifeld IP Law, P.C. the power to insert on this assignment any further identification, including firm reference number, filing date, execution date, and any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

# ASSIGNOR SIGNATURE(S)

# FIRST ASSIGNOR ENTITY:

SIGNATURE:	Sut mally
PRINTED NAME:	SCOTT A. MOSKOWITZ
LEGAL ENTITY NAME	BLUE SPIKE, INC.
TITLE AT LEGAL ENTITY:	President
DATE SIGNED:	August 14, 2015
AUTHORIZATION:	I am authorized to act on behalf of this entity.

# ASSIGNEE SIGNATURES

## FIRST ASSIGNEE ENTITY:

SIGNATURE:	Sutemaly
PRINTED NAME:	SCOTT A. MOSKOWITZ
LEGAL ENTITY NAME	Wistaria Trading Ltd
TITLE AT LEGAL ENTITY:	Director
DATE SIGNED:	August 14 2015
AUTHORIZATION:	I am authorized to act on behalf of this entity.

# BTM

Printed: July 24, 2015 (6:00PM)

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NEIFELD REF:	SCOT0016-4	SCOT0016-5	SCOT0016-6	SCOT0016-7
CLIENT REF:	SCOT0016-4	SCOT0016-5	SCOT0016-6	SCOT0016-7

# INVENTOR DECLARATION (37 CFR 1.63) AND ASSIGNMENT (37 CFR 1.46) FOR A PATENT APPLICATION FILED ON AND AFTER SEPTEMBER 16, 2012

I hereby declare as follows:

I. 37 CFR 1.63(a)(1) - LEGAL NAME OF INVENTOR OR JOINT INVENTOR My legal name appears at the end of this declaration next to my signature.

# II. 37 CFR 1.63(a)(2) - IDENTIFICATION OF THE APPLICATION TO WHICH THIS DECLARATION IS DIRECTED

This declaration is directed to the following application:

APPLICATION Secure personal content server TITLE
--------------------------------------------------

APPLICATION IS ATTACHED, IF THE BOX TO THE RIGHT IS CHECKED					
OR					
APPLICATION NUMBER AND FILING DATE (ENTER EITHER US OR PCT INTERNATIONAL INFORMATION)	APPLICATION 15607820	APPLICAT NUMBER: 13796538	ION 1425631	5 14869279	
	5/30/2017	FILING DA 3/12/2013	<b>TE:</b> 4/18/201	4 9/29/2015	

#### III. 37 CFR 1.63(a)(3) STATEMENT THAT I AM AN INVENTOR

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application for which this declaration is being submitted.

#### IV. 37 CFR 1.63(a)(4) STATEMENT OF AUTHORIZATION

The above-identified application was made or authorized to be made by me.

#### V. 37 CFR 1.63(b) LEGAL NAME. MAILING ADDRESS, RESIDENCE ADDRESS

I understand that rule 37 CFR 1.63(b) requires that my legal name, mailing address where I customarily receive mail, and my residence address, must be submitted in this application, but do not need to be submitted in this declaration. I have provided accurate information for my legal name, mailing address where I customarily receive mail, and my residence address.

#### VI. 37 CFR 1.63(c) REVIEW AND ACKNOWLEDGMENT OF 1.56 DUTY

I have reviewed and I understand the contents of this application, including the claims. I am aware of the duty to disclose to the United Stated Patent and Trademark Office all information known to me to be material to patentability as defined in the Code of Federal Regulations, Volume 37, rule 1.56.

#### VII. 37 CFR 1.63(g) ACKNOWLEDGMENT

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both. All statements I make in this declaration based upon my own knowledge are true, and all statements I make in this declaration based upon information and belief I believe to be true.

## VIII. AUTHORIZATION TO PERMIT ACCESS TO APPLICATION BY PARTICIPATING OFFICES

I hereby grant the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), and any other intellectual property office in which a foreign application claiming priority to the above-identified application is filed, access to the above-identified patent application.

#### IX. POWER TO FURTHER IDENTIFY

I authorize NEIFELD IP LAW, PC to fill in a "NEIFELD REF:"; "CLIENT REF"; the application number, the filing date, and any other information desirable to identify the application, on the pages of this declaration, after I sign.

#### X. CORRESPONDENCE ADDRESS

Direct all correspondence to the address for customer number 31518 for the firm of NEIFELD IP LAW, P.C.

#### XI. ASSIGNMENT

WHEREAS, the assignee or assignees listed below (hereinafter referred to as "ASSIGNEE") are desirous of acquiring the entire right, title and interest in and to said invention identified above and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, by these presents, I do, at this time, sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the said invention, which includes any invention disclosed or claimed in any application identified above, in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted in the future or were granted in the past therefor in the United States and its territorial possessions, reissues, continuations, substitutions and renewals thereof which may be granted in the future be granted or were granted in the past. This transfer includes all rights to collect for money for and obtain injunctions based upon, past infringement.

Further, I hereby authorize and request the Patent Office Officials in the United States

Further, I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grants(s) the firm of Neifeld IP Law, P.C. the power to insert on this assignment any further identification, including firm reference number, application number, filing date, and execution date, and any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

## XII. INVENTOR/ASSIGNOR LEGAL NAME(S) AND SIGNATURE(S)

INVENTOR LEGAL NAMES INVENTOR SIGNATURE (PRINTED)		DATE SIGNED		
Scott A. Moskøwitz	Intomotion	4/8/3		
Mike W. Berry	Mar	4/16/13		
NORTON YY Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y				
aanaa ka k				
	n fer an ser sen renn nyer fel andel af en it with de la ser an			
LADYCE LLACE LALE LALE BALE BALE BALE BALE BALE BAL				

#### PRINTED LEGAL NAMES OF ALL INVENTORS:

And the second s

# XIII. ASSIGNEE(S) IDENTIFICATION AND SIGNATURE(S)

The assignee(s) of this application, and their address(cs), and signatures:

FIRST ASSIGNEE NAME:	BLUE SPIKE, INC.	
FIRST ASSIGNEE ADDRESS: (For a United States address, include on separate lines: street; city; state; zip code. For non united state address include on separate lines: street; city; country; postal code)	16711 COLLINS AVENUE #2505 SUNNY ISLES BEACH, FLORIDA 33160 Scottmark	
PRINTED NAME:	SLOT MOODWITZ	
TITLE:	PRESIDENT	
DATE SIGNED:	April 1872013	
AVERMENT:	I am an authorized to sign on behalf of the assignce.	

ADDITIONAL ASSIGNEE NAME:	
ADDITIONAL ASSIGNEE ADDRESS: (For a United States address, include on separate lines: street; city; state; zip code. For non united state address include on separate lines: street; city; country; postal code)	
PRINTED NAME:	
TITLE:	
DATE SIGNED:	
AVERMENT:	I am an authorized to sign on behalf of the assignee.

# RAN Printed: April 17, 2013 (9:39AM) Y:\FirmForms\Forms_Patent\US\PatentDeclarationAndAssignment.wpd

PTO/AIA/96 (06-12) Approved to: Use through 01/31/2013, CMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it disclays a valid CMB control number

	STATEMENT UNDER 37 CFR 3.73(c)
Applicant/Patent Owner:	Wistaria Trading Ltd.
Anniication No Patent No	- 15607820 Filed/Issue Date: 5/30/2017
Titled: SECURE PERS	IONAL CONTENT SERVER
WISTARIA TRADING I	20 Jan 200 200 200 200 200 200 200 200 200 20
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that, for the patent	application/patent identified above, it is (choose one of options 1, 2, 3 or 4 below):
1, 📝 The assignee of t	ne entire right, title, and interest.
	se than the entire right, title, and interest (check applicable box):
holding the balan	percentage) of its ownership interest is%. Additional Statement(s) by the owners se of the interest <u>must be submitted</u> to account for 100% of the ownership interest.
There are uns right, title and inte	pecified percentages of ownership. The other parties, including inventors, who logether own the antire rest are:
	ement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire
right, title, and ini	erest. In undivided interest in the entirety (a complete assignment from one of the joint inventors was made).
3 The assignce of The other parties, includi	in Undervised Interest in the entirety (a complete assignment netrice of a net joint interest are:
Additional Stat right, title, and in	ment(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire erest.
4. The recipient, via complete transfer of own	a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a subhip interest was made). The certified document(s) showing the transfer is attached.
The interest identified in	option 1, 2 or 3 above (not option 4) is evidenced by either (choose ane of options A or 8 below):
A. Z An assignment fr the United States thereof is stlache	om the Inventor(s) of the patent application/patent Identified above. The assignment was recorded in Patent and Trademark Office at Reel, Frame, or for which a copy
	m the inventor(s), of the patent application/patent identified above, to the current assignee as follows:
	10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10:
	cument was recorded in the United States Patent and Trademark Office at
	Frame, or for which a copy thereof is strached.
	cument was recorded in the United States Patent and Trademark Office at
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	[Page 1 of 2]

This collection of information is required by 37 OFH 3.73b). The information is required to obtain or retain a benefit by the public which is to Be (and by the OSPTO is process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFH 1.11 and 1.14. This collection is astimated to take 12 months to complete, including gathering, preparing, and submitting the completed application for the USPTC. This will say depending upor this includual cases. Any comments on this area of time you require to complete this form and/or suggestions for reducing this burden, should be soft to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. OD NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1456.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTC/AIA/96 (08-12) Approved for use through 01/31/2013, OMB 0831-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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7) As re assig	iquired by 37 CFF inse was, or conc	1 3.73(c)(1)(i), the docur urrently is being, submit	nentary evidence of the chain- ted for recordation pursuant to	of title from the original owner to the 37 CFR 3.11.
(NOT Dhvis	TE: A separate co ion in accordance	by (i.e., a true copy of th with 37 CFR Pari 3, to	e original assignment docume record the assignment in the n	nt(s)) must be submitted to Assignmen ecords of the USPTO. See MPEP 302-
			norized to act on behalf of the	assignee.
1000000	and wanted and the second states of the second stat	'ex (<<	Manufacture .	<u></u>
ignatura			in the second	Date /
Scott M	oskowitz			President and Director
Protect or Ty	roed Name			Title or Registration Number

[Page 2 of 2]

UNITED STA	NTES PATENT AND TRADEM	UNITED ST United State Address: COMM P.O. Box	ria, Virginia 22313-1450
APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/607,820	05/30/2017	Scott A. Moskowitz	SCOT0016-7
			<b>CONFIRMATION NO. 9854</b>
31518		POA ACC	EPTANCE LETTER
NEIFELD IP LAW, PC			
5400 Shawnee Road			*OC000000093412852*
Suite 310			"OC00000093412852"
ALEXANDRIA, VA 22312-	2300		

Date Mailed: 08/14/2017

# NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 08/10/2017.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/atesfai/

page 1 of 1

UNITED STAT	ies Patent and Tradem	UNITED STA United State Address COMMI P.C. Box	ia, Virginia 22313-1450
APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
15/607,820	05/30/2017	Scott A. Moskowitz	SCOT0016-7
			<b>CONFIRMATION NO. 9854</b>
31518 NEIEELD IP LAW, PC		PUBLICA	TION NOTICE

NEIFELD IP LAW, PC 5400 Shawnee Road Suite 310 ALEXANDRIA, VA 22312-2300

# 

Title:Secure personal content server

Publication No.US-2017-0262652-A1 Publication Date:09/14/2017

# NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently https://portal.uspto.gov/pair/PublicPair. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

page 1 of 1

NEIFELD REF: SCOT0016-7 CLIENT REF: SCOT0016-7 Application/Patent No: 15/607,820 USPTO CONF. NO: 9854 File/Issue Date: 5-30-2017 Inventor: MOSKOWITZ, Scott Title: SECURE PERSONAL CONTENT SERVER Examiner/ArtUnit: AVERY, Jeremiah L. ENTITY STATUS: LARGE Priority claims and PCT Intl data: This application is a Continuation of 14/869,279 filed 09-29-2015 9,710,669 14/869,279 is a continuation of 14/256,315 filed 04-18-2014 9,231,980 14/256,315 is a continuation of 13/796,538 filed 03-12-2013 8,789,201 13/796,538 is a continuation of 13/413,691 filed 03-07-2012 8,739,295 13/413,691 is a continuation of 12/287,443 filed 10-09-2008 8,171,561 12/287,443 is a continuation of 10/049,101 filed 07-23-2002 7,475,246 10/049,101 is a National Stage Entry of PCT/US2000/021189 filed 08-04-2000 Claims Priority from Provisional Application 60/213,489 filed 06-23-2000 Claims Priority from Provisional Application 60/147,134 filed 08-04-1999

#### 37 CFR 1.97 INFORMATION DISCLOSURE STATEMENT

This application is:

- within 3 months of the US or 371 national stage filing date;
- _____ before first action on the merits (no fee required);
- XXX after first action on the merits and before final action (1.17(P) fee required);
- _____ after final action;
- _____ after notice of allowance and before payment of the issue fee; or
- _____ after payment of the issue fee.

 $\underline{XXX}$  The applicant is paying herewith the fee for obtaining consideration of an IDS filed after a first action on the merits.

# IDENTIFICATION OF REFERENCES CITED IN APPLICATIONS TO WHICH $\underline{15/607.820}$ CLAIMS CONTINUING STATUS

# **REGARDING CITED REFERENCES**

This IDS is an attempt to compile all references previously cited in Scott Moskowitz's cases. Upon compilation, some of the reference citations were vague, and some were to filed patent applications instead of published documents. This IDS attempts to account for each item to provide all citations to the examiner.

References previously submitted and considered by the examiner in parent application 14/869,279 (SCOT0016-6) are identified by placement of the application number and date the reference was considered in the far right column.

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## CITED US PATENTS AND US PATENT APPLICATION PUBLICATIONS

Most pending Scott Moskowitz cases claim 35 USC 120 priority to prior cases containing a large number of cited US patents and published US applications. The citations list herein should incorporate all of those documents and may incorporate any additional documents found in other patent applications in patent families not linked by 35 USC 120 to this application. Since no US patent or US published applications need to be filed in order for the examiner to consider citations thereto; the applicant may attempt to correlate the US patents and publications cited herein to those already of record due to citations in applications to which this application claims priority, if the examiner so requests.

## FOREIGN PATENT REFERENCES

The IDS cites foreign patent references identified herewith as F001- F029.

The table below identifies F references cited and considered in this application or an application to which this application claims 35 USC 120 priority.

DOCKET NO	APPLICATION NUMBER	DATE CONSIDERED	CITED F REFERENC ES
SCOT0016-6	14/869,279	6-16-2016	F01-F029

Accordingly, the following F references are not yet of record and are submitted herewith: N/A

## NON PATENT LITERATURE REFERENCES

The IDS cites non patent literature references identified herewith as L001- L264. The table below identifies L references cited and considered in this application or in an application to which this application claims 35 USC 120 priority.

DOCKET NO	APPLICATION NUMBER	DATE CONSIDERED	CITED L REFERENC ES
SCOT0016-6	14/869,279	6-16-2016	L001-L260
	L reference citations of patent applications as filed for which a subsequent publication of the application is identified and cited herein.		

L reference citation numbers that have no associated citation; original citation was a duplicate of	
some other citation.	

References previously cited, applications for which a subsequent publication is cited, and reference numbers having no associated reference:

Accordingly, the following L references are not yet of record and are submitted herewith: L261-L264

MASTER LIST OF RELATED CASES IN WHICH THE SAME INFORMATION MAY BE	
CITED	

DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0010-1	08/677,435	7/2/1996	1/8/2016 JRE
SCOT0010-2	09/281,279	3/30/1999	1/8/2016 JRE
SCOT0010-3	09/789,711	2/22/2001	1/8/2016 JRE
SCOT0010-4	11/599,838	11/15/2006	10/15/2010 JRE
SCOT0010-5	11/899,662	9/7/2007	10/15/2010 JRE
SCOT0010-6	10/369,344	2/18/2003	08/1/2011 JRE
SCOT0010-7	11/482,654	7/7/2006	08/1/2011 JRE
SCOT0010-8	12/215,812	6/30/2008	10/15/2010 JRE
SCOT0010-10	12/901,568	10/10/2010	11/4/2010 JRE
SCOT0010-11	11/497,822	8/2/2006	08/1/2011 JRE
SCOT0010-12	12/217,834	7/9/2008	11/8/2010 JRE
SCOT0010-13	11/897,790	8/31/2007	08/1/2011 JRE
SCOT0010-14	12/462,799	8/10/2009	12/15/2010 JRE
SCOT0010-16	11/899,661	9/7/2007	08/1/2011 JRE
SCOT0010-17	12/590,681	11/19/2009	12/15/2010 JRE

DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES	
SCOT0010-18	11/897,791	8/31/2007	08/1/2011 JRE	
SCOT0010-19	12/590,553	11/10/2009	08/1/2011 JRE	
SCOT0010-20	12/592,331	11/23/2009	08/1/2011 JRE	
SCOT0010-21	11/599,964	11/15/2006	08/1/2011 JRE	
SCOT0010-22	13/212,264	8/18/2011	1/11/2012 JRE	
SCOT0011-1	08/674,726	7/2/1996	08/1/2011 JRE	
SCOT0011-2	09/545,589	4/7/2000	1/11/2012 JRE	
SCOT0011-3	11/244,213	10/5/2005	1/11/2012 JRE	
SCOT0011-4	12/009,914	1/23/2008	10/15/2010 JRE	
SCOT0011-5	12/005,230	12/26/2007	10/15/2010 JRE	
SCOT0011-6	12/803,168	6/21/2010	10/15/2010 JRE	
SCOT0011-7	11/649,026	1/3/2007	08/1/2011 JRE	
SCOT0011-8	12/803,194	06/21/2010	10/15/2010 JRE	
SCOT0011-9	12/892,900	9/28/2010	11/8/2010 JRE	
SCOT0011-X1	08/365,454	1/28/1994	1/8/2016 JRE	
SCOT0012-1	08/489,172	6/7/1995	08/1/2011 JRE	
SCOT0012-2	08/775,216	12/31/1996	01/11/2011 JRE	
SCOT0012-3	08/999,766	7/23/1997	10/15/2010 JRE	
SCOT0012-4	11/894,476	8/21/2007	10/15/2010 JRE	
SCOT0012-5	11/050,779	2/7/2005	10/15/2010 JRE	
SCOT0012-6	12/802,519	6/8/2010	11/4/2010 JRE	
SCOT0012-7	12/383,916	3/30/2009	10/15/2010 JRE	
SCOT0012-8	11/894,443	8/21/2007	10/15/2010 JRE	
SCOT0012-9	12/913,751	10/27/2010	11/8/2010 JRE	
SCOT0012-10	13/803,889	3/14/2013	4/16/2013 JRE	
SCOT0013-1	08/587,943	1/17/1996	1/11/2012 JRE	
SCOT0014-1	09/046,627	3/24/1998	1/11/2012 JRE	
SCOT0014-2	10/602,777	6/25/2003	08/1/2011 JRE	
SCOT0014-3 redocketed as SCOT0020-2	11/512,701	8/29/2006	10/15/2010 JRE	

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES	
SCOT0014-4	11/895,388	8/24/2007	10/15/2010 JRE	
SCOT0014-5	12/655,002	12/22/2009	08/1/2011 JRE	
SCOT0014-6	13/556,420	7/24/2012	9/17/2012 JRE	
SCOT0014-7	13/794,584	3/12/2013	4/16/2013 JRE	
SCOT0014-8	14/542,712	11/17/2014	1/8/2016 JRE	
SCOT0014-9	14/855,281	9/15/2015	1/8/2016 JRE	
SCOT0015-1	09/731,039	12/7/2000	1/11/2012 JRE	
SCOT0015-2	11/647/861	12/29/2006	1/11/2012 JRE	
SCOT0015-3	12/383,879	3/30/2009	10/15/2010 JRE	
SCOT0015-4	12/886,732	9/21/2010	10/15/2010 JRE	
SCOT0015-5	13/572,641	8/11/2012	10/11/2012 JRE	
SCOT0015-6	13/794,742	3/12/2013	4/16/2013 JRE	
SCOT0015-7	14/271,559	5/7/2014	1/8/2016 JRE	
SCOT0015-8	14/986,354	12/31/2015	1/8/2016 JRE	
SCOT0016-P1	60/213,489	9/29/2015	1/8/2016 JRE	
SCOT0016-P2	60/147/134	8/4/1999	1/8/2016 JRE	
SCOT0016-1	10/049,101	7/23/2002	1/11/2012 JRE	
SCOT0016-2	12/287,443	10/9/2008	10/15/2010 JRE	
SCOT0016-3	13/413,691	3/7/2012	8/30/2012 JRE	
SCOT0016-4	13/796,538	3/12/2013	4/16/2013 JRE	
SCOT0016-5	14/256,315	4/18/2014	7/21/2015 JRE	
SCOT0016-6	14/869,279	9/29/2015	1/8/2016 JRE	
SCOT0016-7	15/607,820	5/30/2017	6/13/2017 JRE	
SCOT0017-1	09/657,181	9/7/2000	1/11/2012 JRE	
SCOT0017-2	12/005,229	12/26/2007	1/11/2012 JRE	
SCOT0017-3	12/655,357	12/22/2009	10/15/2010 JRE	
SCOT0017-4	13/035,964	2/26/2011	08/1/2011 JRE	
SCOT0017-5	13/487,119	6/1/2012	4/16/2013 JRE	
SCOT0017-6	13/802,384	3/13/2013	4/16/2013 JRE	
SCOT0017-7	14/094,987	12/3/2013	1/6/2016 JRE	

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES	
SCOT0017-8	14/727,944	6/2/2015	1/8/2016 JRE	
SCOT0018-P1	60/372,788	4/17/2002	1/8/2016 JRE	
SCOT0018-1	10/417/231	4/17/2003	01/11/2011 JRE	
SCOT0018-2	11/900,065	9/10/2007	10/15/2010 JRE	
SCOT0018-3	11/900,066	9/10/2007	1/11/2012 JRE	
SCOT0018-4	12/383,289	3/23/2009	08/1/2011 JRE	
SCOT0018-5	13/273,930	10/14/2011	1/11/2012 JRE	
SCOT0018-6	13/551,097	7/17/2012	4/16/2013 JRE	
SCOT0018-7	13/488,357	6/4/2012	9/9/2012 JRE	
SCOT0018-8	13/488,395	6/4/2012	9/9/2012 JRE	
SCOT0018-9	13/970,574	8/19/2013	1/6/2016 JRE	
SCOT0019-1	09/053,628	4/2/1998	1/11/2012 JRE	
SCOT0019-2	09/644,098	8/23/2000	1/11/2012 JRE	
SCOT0019-3	11/358,874	2/21/2006	1/11/2012 JRE	
SCOT0019-4	12/799,894	5/4/2010	12/13/2010 JRE	
SCOT0019-5	13/937,106	7/8/2013	1/8/2016 JRE	
SCOT0019-6	14/258,171	4/22/2014	1/8/2016 JRE	
SCOT0019-7	14/258,237	4/22/2014	1/8/2016 JRE	
SCOT0019-8	14/258,118	4/22/2014	1/8/2016 JRE	
SCOT0020-PR1	60/234,199	9/20/2000	1/8/2016 JRE	
SCOT0020-PR2	60/169,274	12/7/1999	1/8/2016 JRE	
SCOT0020-1	09/731,040	12/7/2000	1/11/2012 JRE	
SCOT0020-2	11/512,701	8/29/2006	08/1/2011 JRE	
SCOT0020-3	13/826,858	3/14/2013	4/16/2013 JRE	
SCOT0020-4	13/797,744	3/12/2013	4/16/2013 JRE	
SCOT0020-5	14/666,754	3/24/2015	5/7/2015 JRE	
SCOT0021-PR	60/125,990	3/24/1999	1/8/2016 JRE	
SCOT0022-1	09/594,719	6/16/2000	4/16/2013 JRE	
SCOT0022-2	11/519,467	9/12/2006	4/16/2013 JRE	
SCOT0022-3	12/655,036	12/22/2009	08/1/2011 JRE	

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0022-4	13/423,650	3/19/2012	7/26/2012 JRE
SCOT0022-5	13/802,471	3/13/2013	4/16/2013 JRE
SCOT0022-6	14/271,382	5/6/2014	1/8/2016 JRE
SCOT0023-1	08/772,222	12/20/1996	4/16/2013 JRE
SCOT0023-2	09/456,319	12/8/1999	4/16/2013 JRE
SCOT0023-3	11/826,234	12/30/2004	4/16/2013 JRE
SCOT0023-4	11/592,879	11/2/2006	4/16/2013 JRE
SCOT0023-5	12/798,959	4/14/2010	08/1/2011 JRE
SCOT0024-PR	60/234,199	9/20/2000	1/8/2016 JRE
SCOT0024-1	09/956,262	9/20/2001	1/8/2016 JRE
SCOT0024-2	11/518,806	9/11/2006	08/1/2011 JRE
SCOT0024-3	13/429,396	3/25/2012	7/26/2012 JRE
SCOT0025-1	61/794,141	3/15/2013	4/16/2013JRE
SCOT0025-2	61/952,823	3/13/2014	1/8/2016 JRE
SCOT0025-3	61/953,684	3/14/2014	1/8/2016 JRE
SCOT0017-8	14/727,944	6/2/2015	2/21/2017 JRE

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# AS OF 1/12/2012, THE FOLLOWING TABLE COLLATES ADDITIONAL REFERENCES CITED IN ANY SCOT (SCOTT MOSKOWITZ) CASE

Date of Document Citing Reference	Atty Ref	Application Number	ID of paper in which references were cited	References checked to see if they existed in the master IDS (initials of person checking)	Reference Identifiers of New references in document, now added to master IDS
9/14/10	SCOT0 012-7	12/383,916	892	JRE	U#299
11/17/10	ALL	N/A	Review of draft master IDS, correction to cite publications in lieu of filed applications, per RAN instructions.	JRE	P76-P82
12/9/10	SCOT0 018-2	11/900,065	892	JRE	U303 & P83
11/30/10	SCOT0 019-4	12/799,894	892	JRE	U304
11/21/11	SCOT0 016-2	12/287,443	892	JRE	U305, U306 & U307
1/12/12	SCOT0 011-8	12/803,194	892	JRE	U308
1/12/12	SCOT0 014-5	12/655,002	892	JRE	U309
1/12/12	SCOT0 017-4	13/035,964	892	JRE	U310-U316
1/12/12	SCOT0 018-2	11/900,065	892	JRE	P84-P85
3/7/12	SCOT0 018-2	11/900,065	892	JRE	P86 -P87 & U317
8/30/12	SCOT0 016-3	13/413,691	892	JRE	U318 & U319

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9/17/12	SCOT0 014-6	13/556,420	Per RAN created CTS reminder	JRE	L212
11/26/12	SCOT0 017-4	13/035.964	Per RAN inst rec'vd 11/15/2012	JRE	U320 & L213-L217
4/16/13	SCOT0 017-4	13/035,964	Review of Patented case	JRE	U322-U326 & P88- P90
6/13/13	SCOT0 018-7	13/488,357	Per instructions received from RAN	JRE	U329-332 L218-L223
6/28/13	SCOT0 014-6	13/556,420	Per instructions received from RAN	JRE	U0333
1/21/14			Per Instructions received from RAN on 1/7/2014	JRE	L229
2/6/14	SCOT0 017-6	13/802,384	Per instructions received from RAN on 1/30/2014	JRE	U335
4/7/14			Per Instructions received from RAN on 4/7/2014	JRE	L231-L232
5/15/14	SCOT0 020-3	13/826,858	892 issued 4/21/2014	JRE	U379-U384
8/18/14	SCOT0 020-3	13/826,858	892 issued 8/18/2014	JRE	U385-U388
9/12/14			Per Instructions received from RAN 9/12/2014	JRE	U389-393

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10/13/14			Per instructions received from RAN on 10/10/2014	JRE	U394-U398 and P98
10/17/14			Per instructions received from BTM 10/17/2014	JRE	L233-L234
10/17/14			Per instructions received from RAN (client sent references)	JRE	L235-L236
11/6/14	SCOT0 016-5	14/256,315	892	JRE	L237-L238
12/5/14	SCOT0 020-4	13/797,774	892	JRE	U399-U400
12/10/14	SCOT0 017-7	14/094,987	892	JRE	U401
12/22/14			Per BTM instructions	JRE	L239-L255
1/7/15			Per RAN instructions	JRE	U-402
2/9/15			Per RAN instructions	JRE	U-403
2/26/15	SCOT0 014-8	14/542,712	892	JRE	U404- U406
3/12/15	SCOT0 014-4	11/895,388	Appeal Decision	JRE	L256
3/27/15	SCOT0 019-7	14/258,237	892	JRE	U407
5/6/15	SCOT0 016-5	14/256,315	892/FOA	JRE	U408-U410
7/21/15	SCOT0 016-5	14/256,315	NOA	JRE	L257-L259

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8/12/15		Instructions rec'vd from RAN 8/6/15	JRE	U411-U433
9/10/201 5		Instructions rec'vd from RAN 9/9/2015	JRE	L-260
5/11/201 7		Instructions rec'vd from BTM	JRE	L-262
6/13/201 7		892 issued for SCOT0016-7	JRE	P099

NOTE: MPEP 609.02 Information Disclosure Statements in Continued Examinations or Continuing Applications [R-5] states in part that:

"2. Continuation Applications , Divisional Applications, or Continuation-In-Part Applications Filed Under 37 CFR 1.53(b)

The examiner will consider information which has been considered by the Office in a parent application when examining: (A) a continuation application filed under 37 CFR 1.53(b), (B) a divisional application filed under 37 CFR 1.53(b), or (C) a continuation-in-part application filed under 37 CFR 1.53(b). A listing of the information need not be resubmitted in the continuing application unless the applicant desires the information to be printed on the patent"

#### See

http://mpep.uspto.gov/RDMS/detail/manual/MPEP/e8r9/d0e18.xml#/manual/MPEP/e8r9/d0e532 50.xml (8/2012)

Accordingly, we are submitting only references not cited in the parent application.

Please consider the references cited herein.

Date signed: 10-3-2017

Signature: /Richard Neifeld/ Printed Name: RICHARD NEIFELD Attorney of Record

JRE/RAN Printed: October 3, 2017 (3:36pm) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\IDS_15607820_SCOT0016-7_9-22-2017.wpd

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EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 01	3947825	March 1976	Cassada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 02	3984624	October 1976	Waggener	12/869,279 (SCOT0016-6) / 12-9-2015
	U 03	3986624	October 1976	Cates, Jr. et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 04	4038596	July 1977	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 05	4200770	April 1980	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 06	4218582	August 1980	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 07	4339134	July 1982	Macheel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 08	4390898	June 1983	Bond et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 09	4405829	September 1983	Rivest et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 010	4424414	January 1984	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 011	4528588	July 1985	Lofberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 012	4672605	June 1987	Hustig et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 013	4748668	May 1988	Shamir et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 014	4789928	December 1988	Fujisaki	12/869,279 (SCOT0016-6) / 12-9-2015
	U 015	4827508	May 1989	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 016	4876617	October 1989	Best et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 017	4896275	January 1990	Jackson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 018	4908873	March 1990	Philibert et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 019	4939515	July 1990	Adelson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 020	4969204	November 1990	Melnychuk et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 021	4972471	November 1990	Gross et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 022	4977594	December 1990	Shear	12/869,279 (SCOT0016-6) / 12-9-2015

LISTING OF UNITED STATES PATENTS - U series

DATE	
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EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 023	4979210	December 1990	Nagata et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 024	4980782	December 1990	Ginkel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 025	5050213	September 1991	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 026	5073925	December 1991	Nagata et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 027	5077665	December 1991	Silverman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 028	5113437	May 1992	Best et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 029	5136581	August 1992	Muehrcke	12/869,279 (SCOT0016-6) / 12-9-2015
	U 030	5136646	August 1992	Haber et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 031	5136647	August 1992	Haber et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 032	5142576	August 1992	Nadan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 033	5161210	November 1992	Druyvesteyn et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 034	5210820	May 1993	Kenyon	12/869,279 (SCOT0016-6) / 12-9-2015
	U 035	5243423	September 1993	DeJean et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 036	5243515	September 1993	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 037	5287407	February 1994	Holmes	12/869,279 (SCOT0016-6) / 12-9-2015
	U 038	5319735	June 1994	Preuss et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 039	5341429	August 1994	Stringer et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 040	5341477	August 1994	Pitkin et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 041	5363448	November 1994	Koopman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 042	5365586	November 1994	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 043	5369707	November 1994	Follendore, III	12/869,279 (SCOT0016-6) / 12-9-2015
	U 044	5379345	January 1995	Greenberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 045	5394324	February 1995	Clearwater	12/869,279 (SCOT0016-6) / 12-9-2015

DATE:

EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 046	5398285	March 1995	Borgelt et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 047	5406627	April 1995	Thompson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 048	5408505	April 1995	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 049	5410598	April 1995	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 050	5412718	May 1995	Narasimhalv et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 051	5418713	May 1995	Allen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 052	5428606	June 1995	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 053	5450490	September 1995	Jensen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 054	5469536	November 1995	Blank	12/869,279 (SCOT0016-6) / 12-9-2015
	U 055	5471533	November 1995	Wang et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 056	5478990	December 1995	Montanari et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 057	5479210	December 1995	Cawley et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 058	5487168	January 1996	Geiner et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 059	5493677	February 1996	Balogh et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 060	5497419	March 1996	Hill	12/869,279 (SCOT0016-6) / 12-9-2015
	U 061	5506795	April 1996	Yamakawa	12/869,279 (SCOT0016-6) / 12-9-2015
	U 062	5513126	April 1996	Harkins et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 063	5513261	April 1996	Maher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 064	5530739	June 1996	Okada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 065	5530751	June 1996	Morris	12/869,279 (SCOT0016-6) / 12-9-2015
	U 066	5530759	June 1996	Braudaway et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 067	5539735	July 1996	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 068	5548579	August 1996	Lebrun et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 069	5568570	October 1996	Rabbani	12/869,279 (SCOT0016-6) / 12-9-2015
	U 070	5579124	November 1996	Aijala et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 071	5581703	December 1996	Baugher et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 072	5583488	December 1996	Sala et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 073	5598470	January 1997	Cooper et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 074	5606609	February 1997	Houser et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 075	5613004	March 1997	Cooperman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 076	5617119	April 1997	Briggs et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 077	5625690	April 1997	Michel et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 078	5629980	May 1997	Stefik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 079	5633932	May 1997	Davis et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 080	5634040	May 1997	Her et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 081	5636276	June 1997	Brugger	12/869,279 (SCOT0016-6) / 12-9-2015
	U 082	5636292	June 1997	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 083	5640569	June 1997	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 084	5646997	July 1997	Barton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 085	5657461	August 1997	Harkins et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 086	5659726	August 1997	Sandford, II et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 087	5664018	September 1997	Leighton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 088	5673316	September 1997	Auerbach et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 089	5677952	October 1997	Blakely et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 090	5680462	October 1997	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 091	5687236	November 1997	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 092	5689587	November 1997	Bender et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 093	5696828	December 1997	Koopman, Jr.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 094	5719937	February 1998	Warren et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 095	5721788	February 1998	Powell et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 096	5734752	March 1998	Knox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 097	5737416	April 1998	Cooper et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 098	5737733	April 1998	Eller	12/869,279 (SCOT0016-6) / 12-9-2015
	U 099	5740244	April 1998	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0100	5745569	April 1998	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0101	5748783	May 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0102	5751811	May 1998	Magnotti et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0103	5754697	May 1998	Fu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0104	5757923	May 1998	Koopman, Jr.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0105	5765152	June 1998	Erickson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0106	5768396	June 1998	Sone	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0107	5774452	June 1998	Wolosewicz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0108	5790677	August 1998	Fox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0109	5799083	August 1998	Brothers et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0110	5809139	September 1998	Grirod et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0111	5809160	September 1998	Powell et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0112	5822432	October 1998	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0113	5828325	October 1998	Wolosewicz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0114	5832119	November 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0115	5848155	December 1998	Cox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0116	5850481	December 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0117	5859920	January 1999	Daly et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0118	5860099	January 1999	Milios et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0119	5862260	January 1999	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0120	5870474	February 1999	Wasilewski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0121	5884033	March 1999	Duvall et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0122	5889868	March 1999	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0123	5893067	April 1999	Bender et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0124	5894521	April 1999	Conley	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0125	5903721	May 1999	Sixtus	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0126	5905800	May 1999	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0127	5905975	May 1999	Ausubel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0128	5912972	June 1999	Barton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0129	5915027	June 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0130	5917915	June 1999	Hirose	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0131	5918223	June 1999	Blum	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0132	5920900	July 1999	Poole et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0133	5923763	July 1999	Walker et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0134	5930369	July 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0135	5930377	July 1999	Powell et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0136	5940134	August 1999	Wirtz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0137	5943422	August 1999	Van Wie et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0138	5963909	October 1999	Warren et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0139	5973731	October 1999	Schwab	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0140	5974141	October 1999	Saito	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0141	5991426	November 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0142	5999217	December 1999	Berners-Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0143	6009176	December 1999	Gennaro et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0144	6029126	February 2000	Malvar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0145	6041316	March 2000	Allen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0146	6044471	March 2000	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0147	6049838	April 2000	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0148	6051029	April 2000	Paterson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0149	6061793	May 2000	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0150	6069914	May 2000	Cox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0151	6078664	June 2000	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0152	6081251	June 2000	Sakai et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0153	6081587	June 2000	Reyes et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0154	6088455	July 2000	Logan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0155	6131162	October 2000	Yoshiura et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0156	6141753	October 2000	Zhao et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0157	6141754	October 2000	Choy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0158	6154571	November 2000	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0159	6192138	February 2001	Yamadaji	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0160	6199058	March 2001	Wong et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0161	6205249	March 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0162	6208745	March 2001	Florenio et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0163	6230268	May 2001	Miwa et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0164	6233347	May 2001	Chen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0165	6233684	May 2001	Stefik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0166	6240121	May 2001	Senoh	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0167	6263313	July 2001	Milstead et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0168	6272634	August 2001	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0169	6275988	August 2001	Nagashima et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0170	6278780	August 2001	Shimada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0171	6278791	August 2001	Honsinger et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0172	6282300	August 2001	Bloom et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0173	6282650	August 2001	Davis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0174	6285775	September 2001	Wu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0175	6301663	October 2001	Kato et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0176	6310962	October 2001	Chung et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0177	6330335	December 2001	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0178	6330672	December 2001	Shur	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0179	6345100	February 2002	Levine	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0180	6351765	February 2002	Pietropaolo et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0181	6363483	March 2002	Keshav	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0182	6373892	April 2002	Ichien et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0183	6373960	April 2002	Conover et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0184	6374036	April 2002	Ryan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0185	6377625	April 2002	Kim	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0186	6381618	April 2002	Jones et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0187	6381747	April 2002	Wonfor et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0188	6385329	May 2002	Sharma et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0189	6389538	May 2002	Gruse et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0190	6405203	June 2002	Collart	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0191	6415041	July 2002	Oami et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0192	6425081	July 2002	Iwamura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0193	6430301	August 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0194	6430302	August 2002	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0195	6442283	August 2002	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0196	6446211	September 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0197	6453252	September 2002	Laroche	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0198	6457058	September 2002	Ullum et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0199	6463468	October 2002	Buch et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0200	6484264	November 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0201	6493457	December 2002	Quackenbush	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0202	6502195	December 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0203	6522767	February 2003	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0204	6522769	February 2003	Rhoads et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0205	6523113	February 2003	Wehrenberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0206	6530021	March 2003	Epstein et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0207	6532284	March 2003	Walker et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0208	6539475	March 2003	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0209	6557103	April 2003	Boncelet, Jr. et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0210	6584125	June 2003	Katto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0211	6587837	July 2003	Spagna et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0212	6598162	July 2003	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0213	6606393	August 2003	Xie et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0214	6647424	November 2003	Pearson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0215	6658010	December 2003	Enns et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0216	6665489	December 2003	Collart	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0217	6668246	December 2003	Yeung et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0218	6668325	December 2003	Collberg et al	. 12/869,279 (SCOT0016-6) / 12-9-2015
	U 0219	6687683	February 2004	Harada et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0220	6725372	April 2004	Lewis et al	. 12/869,279 (SCOT0016-6) / 12-9-2015
	U 0221	6754822	June 2004	Zhao	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0222	6775772	August 2004	Binding et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0223	6784354	August 2004	Lu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0224	6785815	August 2004	Serret-Avila et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0225	6785825	August 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0226	6792548	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0227	6792549	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0228	6795925	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0229	6799277	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0230	6813717	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0231	6813718	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0232	6823455	November 2004	Macy et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0233	6834308	December 2004	Ikezoye et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0234	6842862	January 2005	Chow et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0235	6853726	February 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0236	6857078	February 2005	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0237	6931534	August 2005	Jandel et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0238	6966002	November 2005	Torrubia-Saez	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0239	6983337	November 2005	Wold	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0240	6977894	December 2005	Achilles et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0241	6978370	December 2005	Kocher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0242	6986063	January 2006	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0243	7007166	February 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0244	7020285	March 2006	Kirovski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0245	7035409	April 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0246	7043050	May 2006	Yuval	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0247	7046808	May 2006	Metois et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0248	7050396	May 2006	Cohen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0249	7051208	May 2006	Venkatesan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0250	7058570	June 2006	Yu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0251	7093295	August 2006	Saito	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0252	7095874	August 2006	Moskowitz et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0253	7103184	September 2006	Jian	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0254	7107451	September 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0255	7123718	October 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0256	7127615	October 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0257	7150003	December 2006	Naumovich et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0258	7152162	December 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0259	7159116	January 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0260	7162642	January 2007	Schumann et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0261	7177429	February 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0262	7177430	February 2007	Kim	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0263	7206649	April 2007	Kirovski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0264	7231524	June 2007	Bums	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0265	7233669.	June 2007	Candelore	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0266	7240210	July 2007	Michak et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0267	7266697	September 2007	Kirovski et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0268	7287275	October 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0269	7289643	October 2007	Brunk et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0270	7343492	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0271	7346472	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0272	7362775	April 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0273	7363278	April 2008	Schmelzer et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0274	7409073	August 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0275	7457962	November 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0276	7460994	December 2008	Herre et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0277	7475246	January 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0278	7530102	May 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0279	7532725	May 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0280	7568100	July 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0281	7647502	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0282	7647503	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0283	7779261	August 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0284	6990453	January 2006	Wang	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0285	6081597	June 2000	Hoffstein	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0286	7035049	Apr 2006	Yamamoto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0287	7664263	Feb 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0288	7286451	Oct 2007	Wirtz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0289	6385324	May 2002	Koppen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0290	6674858	Jan 2004	Kimura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0291	6148333	Nov 2000	Guedalia	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0292	6418421	Jun 2002	Hurtado	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0293	6385596	May 2002	Wiser	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0294	6226618	May 2001	Downs	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0295	6957330	Oct 2005	Hughes	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0296	5842213	Nov 1998	Odom	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0297	5818818	Oct 1998	Soumiya	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0298	6590996	Jun 2003	Reed	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0299	5949055	Sept 1999	Fleet	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0300	6067622	May 2000	Moore	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0301	7761712	Jun 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0302	7743001	Jun 2010	Vermeulen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0303	6865747	Mar 2005	Mercier	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0304	6611599	Aug 2003	Natarajan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0305	6480937	Nov 2002	Vorbach	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0306	6398245	Jun 2002	Gruse	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0307	6950941	Sept 2005	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0308	6983058	Jan 2006	Fukuoka	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0309	5675653	Oct 1997	Nelson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0310	6804453	Oct 2004	Sasamoto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0311	6178405	Jan 2001	Ouyang	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0312	5839100	Nov 1998	Wegener	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0313	5781184	Jul 1998	Wasserman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0314	5617506	Apr 1997	Burk	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0315	5327520	Jul 1994	Chen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0316	5111530	May 1992	Kutaragi	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0317	7095715	Aug 2006	Buckman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0318	6173322	Jan 2001	Hu	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0319	5754938	May 1998	Herz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0320	6035398	Mar 2000	Bjorn	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0321	5901178	May 1999	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0322	8214175	July 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0323	8265278	Sept 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0324	8161286	Nov 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0325	8307213	Jan 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0326	8121343	May 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0327	5437050	Jul 1995	Lamb	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0328	5123045	Jun 1992	Ostrovsky	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0329	7310815	Dec 2007	Yanovsky	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0330	8179846	May 2012	Dolganow	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0331	7719966	May 2010	Luft	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0332	7630379	Dec 2009	Morishita	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0333	5949973	Sept 1999	Yarom	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0334	8400566	Mar. 2013	Terry	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0335	5649284	July 1997	Yoshinobu	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0336	7444506	Oct 2008	Datta	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0337	6480963	Oct 2002	Tachibana	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0338	6510513	Jan 2003	Darrow	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0339	5189411	Feb 1993	Collar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0340	5293633	Mar 1994	Robbins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0341	4633462	Dec 1986	Stifle	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0342	5103461	Mar 1992	Cain	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0343	6272535	Aug 2001	Iwamura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0344	6029195	Feb 2000	Herz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0345	8095949	Jan 2012	Hendricks	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0346	5297032	Mar 1994	Trojan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0347	5644727	Jul 1997	Atkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0348	5721781	Feb 1998	Deo	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0349	5822436	Oct 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0350	5845266	Dec 1998	Lupien	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0351	5864827	Jan 1999	Wilson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0352	5875437	Feb 1999	Atkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0353	5892900	Apr 1999	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0354	6108722	Aug 2000	Troeller	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0355	6029146	Feb 2000	Hawkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0356	6032957	Mar 2000	Kiyosaki	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0357	6134535	Oct 2000	Belzberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0358	6185683	Feb 2001	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0359	6233566	May 2001	Levine	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0360	6253193	Jun 2001	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0361	6272474	Aug 2001	Garcia	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0362	6317728	Nov 2001	Kane	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0363	6363488	Mar 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0364	6389402	May 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0365	6427140	Jul 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0366	6484153	Nov 2002	Walker	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0367	6556976	Aug 1987	Callen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0368	6574608	Jun 2003	Dahod	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0369	6601044	Jul 2003	Wallman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0370	6594643	Jul 2003	Freeny	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0371	6618188	Sep 2003	Haga	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0372	6778968	Aug 2004	Gulati	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0373	6839686	Jan 2005	Galant	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0374	6856867	Feb 2005	Woolston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0375	6876982	Apr 2005	Lancaster	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0376	7003480	Feb 2006	Fox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0377	5822436	Oct 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0378	6324649	Nov 2001	Eyres	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0379	5375055	Dec 1994	Togher	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0380	6018722	Jan 2000	Ray	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0381	6138239	Oct 2000	Veil	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0382	6484153	Nov 2002	Walker	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0383	6615188	Aug 2004	Breen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0384	6856967	Jan 2005	Woolston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0385	5790783	Aug 1998	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0386	6650761	Nov 2003	Rodriguez	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0387	6735702	May 2004	Yavatkar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0388	6792424	Sept 2004	Burns	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0389	4790564	Dec 1988	Larcher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0390	6111517	Aug 2000	Atick	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0391	5164992	Nov 1992	Turk	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0392	6674877	Jan 2004	Jojie	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0393	5291560	Mar 1994	Daugman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0394	8492633	Jul 2013	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0395	7672838	Mar 2010	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0396	7254538	Aug 2007	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0397	7812241	Oct 2010	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0398	7672916	Mar 2010	Poliner	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0399	5991431	Nov 1999	Borza	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0400	4529870	Jul 1985	Chaum	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0401	6704451	Mar 2004	Hekstra	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0402	6532298	Mar 2003	Cambier	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0403	8949619	Feb 2015	Parry	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0404	4855584	Aug 1989	Tomiyama	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0405	4749354	Jun 1988	Kerman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0406	5570339	Oct 1996	Nagano	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0407	6128735	Oct 2000	Goldstein	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0408	7672317	Mar 2010	Gateva	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0409	6389403	May 2002	Dorak	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0410	7233948	Jun 2007	Shamoon	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0411	8428185	Apr 2013	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0412	8095794	Jan 2012	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0413	8041038	Oct 2011	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0414	7802101	Sept 2010	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0415	7725808	May 2010	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0416	7529941	May 2009	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0417	7492902	Feb 2009	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0418	7451319	Nov 2008	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0419	7353447	Nov 2008	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0420	7146503	Dec 2006	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0421	7131007	Oct 2006	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0422	7076426	Jul 2006	Buetnagel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0423	7042933	May 2006	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0424	6885749	Apr 2005	Chang	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0425	6850559	Feb 2005	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0426	6760443	Jul 2004	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0427	6718507	Apr 2004	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0428	6704576	May 2004	Brachman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0429	6493457	Dec 2002	Quackenbush	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0430	6341165	Jan 2002	Gbur	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0431	6266419	Jul 2001	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0432	5825976	Oct 1998	Dorward	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0433	5463641	Oct 1995	Dorward	12/869,279 (SCOT0016-6) / 12-9-2015
	U 434	6345389	Feb 2002	Dureau	
	U 435	7028327	Apr 2006	Dougherty	
	U 436	7725720	May 2010	Moreillon	
	U 437	6154172	Nov 2000	Piccionelli	
	U 438	6233736	May 2001	Wolzien	
	U 439	7020888	Mar 2006	Reynolds	
	U 440	7028327	Apr 2006	Dougherty	
	U 441	7055169	May 2006	Delpuch	
	U 442	7421729	Sept 2008	Zenoni	
	U 443	7950033	May 2011	Pierre	
	U 444	7996861	Aug 2011	Delpuch	
	U 445	7251825	Jul 2007	Collet	
	U 446	7725740	May 2010	Kudelski	
	U 447	8356188	Jan 2013	Kudelski	
	U 448	RE40334	May 2008	Maillard	

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 01	20010010078	July 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 02	20010043594	November 2001	Ogawa et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 03	20020010684	January 2002	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 04	20020026343	February 2002	Duenke	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 05	20020056041	May 2002	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 06	20020071556	June 2002	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 07	20020073043	June 2002	Herman et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 08	20020097873	July 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 09	20020103883	August 2002	Haverstock et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 010	20020161741	October 2002	Wang et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 011	20030126445	July 2003	Wehrenberg	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 012	20030133702	July 2003	Collart	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 013	20030200439	October 2003	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 014	20030219143	November 2003	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 015	20040028222	February 2004	Sewell et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 016	20040037449	February 2004	Davis et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 017	20040049695	March 2004	Choi et al.	12/869,279 (SCOT0016-6) / 12-9- 2015

LISTING OF UNITED STATES PUBLISHED APPLICATIONS - P Series

DATE:
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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 018	20040059918	March 2004	Xu	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 019	20040083369	April 2004	Erlingsson et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 020	20040086119	May 2004	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 021	20040093521	May 2004	Hamadeh et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 022	20040117628	June 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 023	20040117664	June 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 024	20040125983	July 2004	Reed et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 025	20040128514.	July 2004	Rhoads	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 026	20040225894	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 027	20040243540	December 2004	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 028	20050135615	June 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 029	20050160271	July 2005	Brundage et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 030	20050177727	August 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 031	20050246554	November 2005	Batson	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 032	20060005029	January 2006	Petrovic et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 033	20060013395	January 2006	Brundage et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 034	20060013451	January 2006	Haitsma	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 035	20060041753	February 2006	Haitsma	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 036	20060101269	May 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 037	20060140403	June 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 038	20060285722	December 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 039	20070011458	January 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 040	20070028113	February 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 041	20070064940	March 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 042	20070079131.	April 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 043	20070083467	April 2007	Lindahl et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 044	20070110240	May 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 045	20070113094	May 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 046	20070127717	June 2007	Herre et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 047	20070226506	September 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 048	20070253594	November 2007	Lu et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 049	20070294536.	December 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 050	20070300072	December 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 051	20070300073	December 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 052	20080005571	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 053	20080005572	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 054	20080016365	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 055	20080022113	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 056	20080022114	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 057	20080028222	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 058	20080046742	February 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 059	20080075277	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 060	20080109417	May 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 061	20080133927	June 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 062	20080151934	June 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 063	20090037740	February 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 064	20090089427	April 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 065	20090190754	July 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 066	20090210711	August 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 067	20090220074	September 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 068	20100002904	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 069	20100005308	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC PUBLICATION E NUMBER NUMBER (P SERIES)		PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 070	20100098251	Apr 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 071	20100220861	Sept 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 072	20100202607	Aug 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 073	20020047873	June 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 074	20020009208	Jan 2002	Alattar	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 075	20010029580	October 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 076	20100182570	July 2010	Chota	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 077	20100077220	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 078	20100077219	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 079	20100064140	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 080	20100153734	June 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 081	20100106736	April 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 082	20060251291	November 2006	Rhoads	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 083	20030002862	January 2003	Rodriguez	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 084	20030005780	May 2003	Hansen	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 085	20020152179	Oct 2002	Racov	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 086	20030027549	Feb 2003	Kiel	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 087	20020057651	May 2002	Roberts	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 088	20110069864	March 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 089	20100313033	Dec 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 090	20110019691	Jan 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 091	20030023852	Jan. 2003	Wold	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 092	20030033321	Feb 2003	Schrempp	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 093	20130145058	June 2013	Shuholm	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 094	20120057012	Mar. 2012	Sitrick	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 095	20110128445	Jun 2011	Carrieres	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 096	20020188570	Dec 2002	Holliman	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 097	20020069174	Jun 2002	Fox	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 098	20130226957	Feb 27 2013	Ellis	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 099	20090319639	Dec 2009	Gao	

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LISTING OF FOREIGN AND INTERNATIONAL PATENT DOCUMENTS - F Series

EXAMINER INITIALS	REFERENCE NUMBER (F SERIES)	PUBLICATIO N NUMBER	PUBLICATIO N DATE	COUNTRY OR REGION	PAGE/LINE AND FIGURE/ELEM ENT OF RELEVANT MATERIAL	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF
	F 01-	EP0372601	Jun., 1990	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 02-	EP0565947	Oct., 1993	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 03-	EP0581317	Feb., 1994	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 04-	EP0649261	Apr., 1995	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 05-	EP0651554	May., 1995	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 06-	EP1354276	Dec., 2007	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 07-	NL 1005523	Sep., 1998	NL		12/869,279 (SCOT0016-6) / 12-9-2015
	F 08-	WO 9514289	May., 1995	WO		12/869,279 (SCOT0016-6) / 12-9-2015
	F 09-	WO 9629795	Sep., 1996	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 010-	WO 9724833	Jul., 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 011-	WO 9744736	Nov., 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 012-	WO9837513	Aug., 1998	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 013-	WO 9952271	Oct., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 014-	WO 9962044	Dec., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 015-	WO 9963443	Dec., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 016-	WO9726733	Jan. 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015

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EXAMINER INITIALS	REFERENCE PUBLICATIO NUMBER N NUMBER (F SERIES)		PUBLICATIO N DATE	COUNTRY OR REGION	PAGE/LINE AND FIGURE/ELEM ENT OF RELEVANT MATERIAL	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF
	F 017-	WO98002864	Jul. 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 018-	WO 0057643	Sept 2000	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 019-	WO 9642151	Dec 1996	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 020-	EP0872073	July 1996	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 021-	WO0118628	March 2001	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 022-	WO0143026	June 2001	WO		12/869,279 (SCOT0016-6) / 12-9-2015
	F 023-	WO0203385	Jan 2002	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 024-	WO9701892	June 1995	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 025-	WO9726732	July 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 026-	WO9802864	Jan 1998	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 027-	EP1547337	Mar 2006	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 028-	EP0581317A2	Feb 1994	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 029-	WO023385A1	Oct 2002	WO		12/869,279 (SCOT0016-6) / 12-9-2015

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# LISTING OF NON PATENT LITERATURE - L Series

EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	1	L- 01	N/A	US. Appl. No. 08/999,766, filed Jul. 23, 1997, entitled "Steganographic Method and Device", published as 7568100 07-28-2009, cited as U280.	12/869,279 (SCOT0016- 6) / 12-9-2015
	2	L- 02	N/A	EPO Application No. 96919405.9, entitled "Steganographic Method and Device"; published as EP0872073 (A2), 10-21-1998, cited herein as F20.	12/869,279 (SCOT0016- 6) / 12-9-2015
	3	L- 03	N/A	U.S. Appl. No. 11/050,779, filed Feb. 7, 2005, entitled "Steganographic Method and Device", published as 20050177727 A1 08-11-2005, cited herein as P30.	12/869,279 (SCOT0016- 6) / 12-9-2015
	4	L- 04	N/A	U.S. Appl. No. 08/674,726, filed Jul. 2, 1996, entitled "Exchange Mechanisms for Digital Information Packages with Bandwidth Securitization, Multichannel Digital Watermarks, and Key Management", published as 7362775 04-22-2008, cited herein as U272.	12/869,279 (SCOT0016- 6) / 12-9-2015
	5	L- 05	N/A	U.S. Appl. No. 09/545,589, filed Apr. 7, 2000, entitled "Method and System for Digital Watermarking", published as 7007166 02-28-2006, cited herein as U243	12/869,279 (SCOT0016- 6) / 12-9-2015
	6	L- 06	N/A	U.S. Appl. No. 11/244,213, filed Oct. 5, 2005, entitled "Method and System for Digital Watermarking", published as 2006-0101269 A1 05-11-2006, cited herein as P36	12/869,279 (SCOT0016- 6) / 12-9-2015
	7	L- 07	N/A	U.S. Appl. No. 11/649,026, filed Jan. 3, 2007, entitled "Method and System for Digital Watermarking", published as 2007-0113094 A1 05-17-2007, cited herein as P45.	12/869,279 (SCOT0016- 6) / 12-9-2015
	8	L- 08	N/A	U.S. Appl. No. 09/046,627, filed Mar. 24, 1998, entitled "Method for Combining Transfer Function with Predetermined Key Creation", published as 6,598,162 07-22-2003, cited herein as U212.	12/869,279 (SCOT0016- 6) / 12-9-2015

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	9	L- 09	N/A	U.S. Appl. No. 10/602,777, filed Jun. 25, 2003, entitled "Method for Combining Transfer Function with Predetermined Key Creation", published as 2004-0086119 A1 05-06-2004, cited herein P20.	12/869,279 (SCOT0016- 6) / 12-9-2015
	10	L- 010	N/A	U.S. Appl. No. 09/053,628, filed Apr. 2, 1998, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", 6,205,249 03-20-2001, cited herein as U161.	12/869,279 (SCOT0016- 6) / 12-9-2015
	11	L- 011	N/A	U.S. Appl. No. 09/644,098, filed Aug. 23, 2000, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 7,035,409 04-25-2006, cited herein as U245.	12/869,279 (SCOT0016- 6) / 12-9-2015
	12	L- 012	N/A	Jap. App. No. 2000-542907, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking"; which is a JP national stage of PCT/US1999/007262, published as WO/1999/052271, 10/14/1999, F13 here in above	12/869,279 (SCOT0016- 6) / 12-9-2015
	13	L- 013	N/A	U.S. Appl. No. 09/767,733, filed Jan. 24, 2001 entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 2001-0010078 A1 07-26-2001, cited herein as P1.	12/869,279 (SCOT0016- 6) / 12-9-2015
	14	L- 014	N/A	U.S. Appl. No. 11/358,874, filed Feb. 21, 2006, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 2006-0140403 A1 06-29-2006, cited herein as P37.	12/869,279 (SCOT0016- 6) / 12-9-2015
	15	L- 015	N/A	U.S. Appl. No. 10/417,231, filed Apr. 17, 2003, entitled "Methods, Systems And Devices For Packet Watermarking And Efficient Provisioning Of Bandwidth", published as 2003-0200439 A1 10-23-2003, cited herein as P13,	12/869,279 (SCOT0016- 6) / 12-9-2015

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	16	L- 016	N/A	U.S. Appl. No. 09/789,711, filed Feb. 22, 2001, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2001-0029580 A1 10-11-2001, cited herein as P75.	12/869,279 (SCOT0016- 6) / 12-9-2015
	17	L- 017	N/A	U.S. Appl. No. 11/497,822, filed Aug. 2, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2007-0011458 A1 01-11-2007, cited herein as P39.	12/869,279 (SCOT0016- 6) / 12-9-2015
	18	L- 018	N/A	U.S. Appl. No. 11/599,964, filed Nov. 15, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2008-0046742 A1 02-21-2008, cited herein as P58.	12/869,279 (SCOT0016- 6) / 12-9-2015
	19	L- 019	N/A	U.S. Appl. No. 11/599,838, filed Nov. 15, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2007-0226506 A1 09-27-2007, cited herein as P47.	12/869,279 (SCOT0016- 6) / 12-9-2015
	20	L- 020	N/A	U.S. Appl. No. 10/369,344, filed Feb. 18, 2003, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data", published as 2003-0219143 A1 11-27-2003, cited herein as P14.	12/869,279 (SCOT0016- 6) / 12-9-2015
	21	L- 021	N/A	U.S. Appl. No. 11/482,654, filed Jul. 7, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digitized Data", published as 2006-0285722 A1 12-21-2006, cited herein as P38.	12/869,279 (SCOT0016- 6) / 12-9-2015
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	97	L- 097	2006	STAIND (The Singles 1996-2006), Warner MusicAtlantic, Pre-Release CD image, 2006, 1 page.	12/869,279 (SCOT0016- 6) / 12-9-2015

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	98	L- 098		DUPLICATE OF L-97, DELETED BY 11/16/2010 by RAN.	12/869,279 (SCOT0016- 6) / 12-9-2015
	99	L- 099	2003	Radiohead ("Hail To The Thief"), EMI Music GroupCapitol, Pre-Release CD image, 2003, 1 page.	12/869,279 (SCOT0016- 6) / 12-9-2015
	100	L- 0100	N/A	DUPLICATE OF L-4, DELETED BY RN UPON REVIEW ON 11/18/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	101	L- 0101	N/A	U.S. Appl. No. 60/169,274, filed Dec. 7, 1999, entitled "Systems, Methods And Devices For Trusted Transactions".	12/869,279 (SCOT0016- 6) / 12-9-2015
	102	L- 0102		DUPLICATE OF L-22, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	103	L- 0103		DUPLICATE OF L-27, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	104	L- 0104	N/A	U.S. Appl. No. 60/234,199, filed Sep. 20, 2000, "Improved Security Based on Subliminal and Supraliminal Channels For Data Objects".	12/869,279 (SCOT0016- 6) / 12-9-2015
	105	L- 0105	N/A	U.S. Appl. No. 09/671,739, filed Sep. 29, 2000, entitled "Method And Device For Monitoring And Analyzing Signals".	12/869,279 (SCOT0016- 6) / 12-9-2015
	106	L- 0106		DUPLICATE OF L-34, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015

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	107	L- 0107		DUPLICATE OF L-24, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	108	L- 0108		DUPLICATE OF L-57, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	109	L- 0109		DUPLICATE OF L-58, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	110	L- 0110		DUPLICATE OF L-59, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
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	112	L- 0112		DUPLICATE OF L-62, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	113	L- 0113		DUPLICATE OF L-63, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	114	L- 0114		DUPLICATE OF L-65, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
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	118	L- 0118		DUPLICATE OF L-69, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
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	121	L- 0121		DUPLICATE OF L-72, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	122	L- 0122		DUPLICATE OF L-73, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	123	L- 0123		DUPLICATE OF L-74, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	124	L- 0124		DUPLICATE OF L-75, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	125	L- 0125		DUPLICATE OF L-076, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	126	L- 0126		DUPLICATE OF L-77, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	127	L- 0127		DUPLICATE OF L-78, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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	130	L- 0130		DUPLICATE OF L-52, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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	133	L- 0133		DUPLICATE OF L-37, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	134	L- 0134		DUPLICATE OF L-36, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	135	L- 0135		DUPLICATE OF L-37, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	136	L- 0136		DUPLICATE OF L-38, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	137	L- 0137		DUPLICATE OF L-39, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	138	L- 0138		DUPLICATE OF L-40, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015

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	139	L- 0139		DUPLICATE OF L-41, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	140	L- 0140		DUPLICATE OF L-42, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	141	L- 0141		DUPLICATE OF L-43, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	142	L- 0142		DUPLICATE OF L-44, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	143	L- 0143		DUPLICATE OF L-45, REMOVED. RN. 11/16/2010.	12/869,279 (SCOT0016- 6) / 12-9-2015
	144	L- 0144		DUPLICATE OF L-46, REMOVED. RN. 11/16/2010.	12/869,279 (SCOT0016- 6) / 12-9-2015
	145	L- 0145		DUPLICATE OF L-47, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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	147	L- 0147		DUPLICATE OF L-49, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	148	L- 0148		DUPLICATE OF L-50, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	149	L- 0149		DUPLICATE OF L-51, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015

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	151	L- 0151		DUPLICATE OF L-63, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
	152	L- 0152		DUPLICATE OF L-54, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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	158	L- 0158	N/A	PCT International Search Report in PCT/US97/00651.	10/049,101 / 2-29-2008
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	163	L- 0163		Supplementary European Search Report in EP00919398	10/049,101 / 2-29-2008
	164	L- 0164		PCT International Search Report in PCT/US00/18411.	10/049,101 / 2-29-2008
	165	L- 0165		PCT International Search Report in PCT/US00/18411.	10/049,101 / 2-29-2008
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	167	L- 0167		PCT International Search Report in PCT/US00/21189	12/869,279 (SCOT0016- 6) / 12-9-2015
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	188	L- 0188	N/A	U.S. Appl. No. 12/590,681, filed Nov. 12, 2009, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 20100064140 A1 03-11-2010, P79.	12/869,279 (SCOT0016- 6) / 12-9-2015
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	26 4	L-0264	2017	Blue Spike LLC v. Google, Inc., 16-1223 (6/12/2017) denial of writ of certiorari.	

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND

DATE:

EXAMINER'S SIGNATURE:

Electronic Patent Application Fee Transmittal							
Application Number:	15607820						
Filing Date:	30-	May-2017					
Title of Invention:	Secure personal content server						
First Named Inventor/Applicant Name:	Sco	ott A. Moskowitz					
Filer:	Ric	hard A. Neifeld/Jan	naal Evans				
Attorney Docket Number:	SCOT0016-7						
Filed as Large Entity							
Filing Fees for Utility under 35 USC 111(a)							
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Basic Filing:							
Pages:							
Claims:							
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							
Extension-of-Time:							

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
	Tot	al in USD	(\$)	180

Electronic Ack	knowledgement Receipt
EFS ID:	30554180
Application Number:	15607820
International Application Number:	
Confirmation Number:	9854
Title of Invention:	Secure personal content server
First Named Inventor/Applicant Name:	Scott A. Moskowitz
Customer Number:	31518
Filer:	Richard A. Neifeld/Jamaal Evans
Filer Authorized By:	Richard A. Neifeld
Attorney Docket Number:	SCOT0016-7
Receipt Date:	03-OCT-2017
Filing Date:	30-MAY-2017
Time Stamp:	15:48:38
Application Type:	Utility under 35 USC 111(a)

## Payment information:

Submitted with Payment	yes			
Payment Type	CARD			
Payment was successfully received in RAM	\$180			
RAM confirmation Number	100417INTEFSW15504200			
Deposit Account				
Authorized User				
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:				

File Listing	:							
Document Number	Document Description	Document Description         File Name         File Size(Bytes)           Message Digest         Message Digest		Multi Part /.zip	Pages (if appl.)			
			367941					
1		IDS_15607820_SCOT0016-7_9- 22-2017.pdf			82			
	Multipart Description/PDF files in .zip description							
	Document Des	Start	Eı	nd				
	Transmittal	1	:	2				
	Information Disclosure Stater	3	82					
Warnings:								
Information:								
			174377		2			
2	Other Reference-Patent/App/Search documents	L261_OrderDenyingRehearing. pdf	8130b3a680f0ccff043532d60b65cc8fa607c 8ea	no				
Warnings:		<u> </u>						
Information:								
			1953190		3			
3	Other Reference-Patent/App/Search documents	L262_SecureDelivery_IEEEXplo reDocument.pdf	5745085f6cc59af29afbf7abe1d3a37177479 Sec	no				
Warnings:			I	I				
Information:								
			919426		2			
4	Other Reference-Patent/App/Search documents	L263_BlueSpike_v_Google_Jud gment.pdf	e0e9f8dae5205c102cc8d0d973e17c9b1a0 3e627	no				
Warnings:			I	I				
Information:								
			16256021					
5	Other Reference-Patent/App/Search documents	L264_16_2223_DenialOfCert. pdf	98a8c65889292a326776d3092606f7d5598 82389	no	17			

6	Fee Worksheet (SB06)	fee-info.pdf	30478 4e53b40eaa22cc1458dfac3f810145b02729 7804	no	2					
Warnings:	Warnings:									
Information	:									
	Total Files Size (in bytes): 19701433									
characterize Post Card, as If a new appl 1.53(b)-(d) a Acknowledg <u>National Sta</u> If a timely su U.S.C. 371 ar national stag <u>New Interna</u> If a new inte an internatio and of the In	vledgement Receipt evidences receip d by the applicant, and including pay s described in MPEP 503. <u>Ations Under 35 U.S.C. 111</u> lication is being filed and the applica nd MPEP 506), a Filing Receipt (37 CF gement Receipt will establish the filin <u>ge of an International Application ur</u> abmission to enter the national stage nd other applicable requirements a F ge submission under 35 U.S.C. 371 wi tional Application Filed with the USP rnational application is being filed an onal filing date (see PCT Article 11 an iternational Filing Date (Form PCT/RG urity, and the date shown on this Ack ion.	ge counts, where applicable. tion includes the necessary of R 1.54) will be issued in due g date of the application. <u>nder 35 U.S.C. 371</u> of an international applicati orm PCT/DO/EO/903 indicati ill be issued in addition to the <u>PTO as a Receiving Office</u> nd the international applicat d MPEP 1810), a Notification D/105) will be issued in due c	It serves as evidence components for a filir course and the date s on is compliant with ng acceptance of the e Filing Receipt, in du ion includes the nece of the International ourse, subject to pres	of receipt s og date (see shown on th the condition application e course. ssary comp Application scriptions co	imilar to a 37 CFR ais ons of 35 a as a oonents for Number oncerning					

**NEIFELD REF: SCOT0016-7** CLIENT REF: SCOT0016-7 US Application and filing date: 15/607,820 / 5-30-2017 USPTO CONF. NO: 9854 Inventor: MOSKOWITZ, Scott Title: SECURE PERSONAL CONTENT SERVER Examiner/ArtUnit: AVERY, Jeremiah L. ENTITY STATUS: LARGE Priority claims and PCT Intl data: This application is a Continuation of 14/869,279 filed 09-29-2015 9,710,669 14/869,279 is a continuation of 14/256,315 filed 04-18-2014 9,231,980 14/256,315 is a continuation of 13/796,538 filed 03-12-2013 8,789,201 13/796,538 is a continuation of 13/413,691 filed 03-07-2012 8,739,295 13/413,691 is a continuation of 12/287,443 filed 10-09-2008 8,171,561 12/287,443 is a continuation of 10/049,101 filed 07-23-2002 7,475,246 10/049,101 is a National Stage Entry of PCT/US2000/021189 filed 08-04-2000 Claims Priority from Provisional Application 60/213,489 filed 06-23-2000 Claims Priority from Provisional Application 60/147,134 filed 08-04-1999

# **37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

### 1. FOR 35 USC 371 NATIONAL STAGE FILINGS, ONLY, THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY FEES WHICH MAY BE REQUIRED, OR CREDIT ANY OVERPAYMENT, TO DEPOSIT ACCOUNT NUMBER 50-2106.

- 2. **FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$:** 180 1806/2806/3806 1.17(p) Submission of an Information Disclosure Statement
- THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH: 37 CFR 1.97 INFORMATION DISCLOSURE STATEMENT 37 CFR 1.98 REFERENCE CITATION LIST CITING REFERENCES U01-U448, P1-P99, F1-F29, and L01-L264 Copies of References L261-L264

FOR INTERNAL NEIFELD IP LAW, PC USE ONLY
Disbursements: PClaw BankAcct, G/L: 6, 5010
PCLAW BILLING REFERENCE: SCOT0001
Check#, Entry date, Amount: 134/9-25-2017/180
Service Fees: Amount/CreditAtty/Entry date/Services: 400/RAN/9-22-17/IDS Prep & File

# INITIALS OF PERSON WHO *ENTERED* ACCOUNTING DATA: JRE ATTORNEY SIGNATURE (AUTHORIZING DEPOSIT ACCOUNT)

### DATE: 10/3/2017 SIGNATURE: /Richard Neifeld/

PRINTED NAME: Richard Neifeld Printed: October 3, 2017 (3:36pm) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\IDS_15607820_SCOT0016-7_9-22-2017.wpd

Page 2 of 13

Doc Code: DIST.E.FILE Document Description: Electroni	c Terminal Disclaimer - Filed		PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce				
Electronic Petition Request	TERMINAL DISCLAIMER TO OB "PRIOR" PATENT	VIATE A De	OUBLE PATENTING REJECTION OVER A				
Application Number 15607820							
Filing Date	30-May-2017						
First Named Inventor	Scott Moskowitz						
Attorney Docket Number	SCOT0016-7						
Title of Invention Secure personal content server							
Office Action	loes not obviate requirement for resp						
Owner	This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.						
Wistaria Trading Ltd	10	100%					
The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)							
9710669							
8739295	8739295						
8789201	8789201						
8171561							
7475246							

grante owne	as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.					
applic is pres - expii	ation that would extend to the	owner does not disclaim the terminal part of the term of any patent granted on the instant expiration date of the full statutory term of the prior patent, "as the term of said prior patent al disclaimer," in the event that said prior patent later: ance fee;				
	ind invalid by a court of compe	etent iurisdiction:				
- is sta - has a	tutorily disclaimed in whole or Il claims canceled by a reexam	terminally disclaimed under 37 CFR 1.321;				
	ssued; or	a the expiration of its full statutory term as presently shortened by any terminal disclaimer				
- IS IN (	any manner terminated phor to	o the expiration of its full statutory term as presently shortened by any terminal disclaimer.				
۲	Terminal disclaimer fee under	37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.				
		CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) aimer has already been paid in the above-identified application.				
Applic	ant claims the following fee st	atus:				
0 :	Small Entity					
0	Micro Entity					
•	Regular Undiscounted					
belief the lik	are believed to be true; and fu e so made are punishable by fi	nade herein of my own knowledge are true and that all statements made on information and rther that these statements were made with the knowledge that willful false statements and ne or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and y jeopardize the validity of the application or any patent issued thereon.				
THIS	PORTION MUST BE COMPLETE	D BY THE SIGNATORY OR SIGNATORIES				
l cer	ify, in accordance with 37 CFR	1.4(d)(4) that I am:				
	An attorney or agent registerec his application	to practice before the Patent and Trademark Office who is of record in				
	Registration Number 35299					
0	A sole inventor					
	A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application					
0	A joint inventor; all of whom ar	e signing this request				
Sign	ature	/RichardNeifeld/				
Name RICHARD NEIFELD						

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal							
Application Number: 15607820							
Filing Date:	30-	30-May-2017					
Title of Invention:	See	Secure personal content server					
First Named Inventor/Applicant Name:	Scott A. Moskowitz						
Filer:	Ric	Richard A. Neifeld					
Attorney Docket Number:	sc	OT0016-7					
Filed as Large Entity							
Filing Fees for Utility under 35 USC 111(a)							
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Basic Filing:							
STATUTORY OR TERMINAL DISCLAIMER		1814	1	160	160		
Pages:							
Claims:	Claims:						
Miscellaneous-Filing:							
Petition:							
Patent-Appeals-and-Interference:							
Post-Allowance-and-Post-Issuance:							

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
	Total in USD (\$)		160	

Doc Code: DISQ.E.FILE Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 15607820

Filing Date: 30-May-2017

Applicant/Patent under Reexamination: Moskowitz

Electronic Terminal Disclaimer filed on October 13, 2017

APPROVED

#### This patent is subject to a terminal disclaimer

DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Ack	knowledgement Receipt
EFS ID:	30653828
Application Number:	15607820
International Application Number:	
Confirmation Number:	9854
Title of Invention:	Secure personal content server
First Named Inventor/Applicant Name:	Scott A. Moskowitz
Customer Number:	31518
Filer:	Richard A. Neifeld
Filer Authorized By:	
Attorney Docket Number:	SCOT0016-7
Receipt Date:	13-OCT-2017
Filing Date:	30-MAY-2017
Time Stamp:	15:58:18
Application Type:	Utility under 35 USC 111(a)

# Payment information:

Submitted with Payment	yes		
Payment Type	CARD		
Payment was successfully received in RAM	\$160		
RAM confirmation Number	101617INTEFSW15581600		
Deposit Account			
Authorized User			
The Director of the USPTO is hereby authorized to a	The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:		

File Listing	g:				
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
			35237		
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	25ade11437946674c0207ccfb6b9383b41b 99661	no	3
Warnings:	ļ		•		
Information:					
			30351		
2	Fee Worksheet (SB06)	fee-info.pdf	7a8e29e86323065067264a2d7ab079d5e59 7c870	no	2
Warnings:					
Information:					
		Total Files Size (in bytes)	): 6	5588	
characterized Post Card, as <u>New Applicat</u> If a new appli 1.53(b)-(d) an Acknowledge <u>National Stac</u> If a timely sul U.S.C. 371 an national stag <u>New Internat</u> If a new inter an internatio and of the Int	edgement Receipt evidences receipt d by the applicant, and including pag described in MPEP 503. tions Under 35 U.S.C. 111 ication is being filed and the applicat d MPEP 506), a Filing Receipt (37 CFI ement Receipt will establish the filing ge of an International Application under bission to enter the national stage of d other applicable requirements a Fo e submission under 35 U.S.C. 371 will ional Application Filed with the USPT national application is being filed an nal filing date (see PCT Article 11 and ternational Filing Date (Form PCT/RO writy, and the date shown on this Acknop.	e counts, where applicable. ion includes the necessary of R 1.54) will be issued in due g date of the application. <u>der 35 U.S.C. 371</u> of an international applicat orm PCT/DO/EO/903 indicat I be issued in addition to th <u>FO as a Receiving Office</u> d the international applicat I MPEP 1810), a Notification (105) will be issued in due of	It serves as evidence components for a filin course and the date s ion is compliant with ing acceptance of the e Filing Receipt, in du tion includes the nece of the International <i>J</i> course, subject to pres	of receipt si g date (see hown on th the conditic application e course. ssary comp Application scriptions co	imilar to a 37 CFR is ons of 35 as a onents for Number oncerning

#### Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE Priority claims and PCT Intl data: This application is a continuation of U.S. Application No. 14869279, filed September 29, 2015, which is a continuation of U.S. Application No. 14/256,315, filed April 18, 2014, which issued January 5, 2016 as U.S. Patent 9231980, which is a continuation of U.S. Application No. 13/796,538, filed March 12, 2013, which issued July 22, 2014 as U.S. Patent No. 8,789,201, which is a continuation of Application No. 13/413,691, filed March 7, 2012, which issued May 27, 2014 as U.S. Patent No. 8,739,295, which is a continuation of U.S. Application No. 12/287,443, filed October 9, 2008, which issued as U.S. Patent No. 8,171,561 on May 1, 2012, which is a continuation of U.S. Application No. 10/049,101, which issued as U.S. Patent No. 7,475,246 on January 6, 2009, which entered the US national stage July 23, 2002, which is a national stage entry of PCT/US00/21189, filed Aug. 4, 2000, which claims the benefit of U.S. Patent Application No. 60/147,134, filed Aug. 4, 1999, entitled, "A Secure Personal Content Server" and U.S. Patent Application No. 60/213,489, filed Jun. 23, 2000, entitled "A Secure Personal Content Server." The contents of U.S. Application No. 14869279, filed September 29, 2015, U.S. Application No. 14/256,315, filed April 18, 2014, U.S. Application No. 13/796,538, filed March 12, 2013, U.S. Application No. 13/413,691, filed March 7, 2012, U.S. Application No. 12/287,443, filed October 9, 2008, and U.S. Application No. 10/049,101, filed July 23, 2002, are incorporated by reference in their entirety.

# **37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

#### 1. THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY FEES WHICH MAY BE REQUIRED, OR CREDIT ANY OVERPAYMENT, TO DEPOSIT ACCOUNT NUMBER 50-2106.

#### 2. **FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$: 360.00** Fee Calculation:

1251/2251/32511.17(a)(1) Extension for response within first month200.001814/2814/38141.20(d) Statutory disclaimer, including terminal disclaimer160.00

## 3. **THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH:** Web based Terminal Disclaimer over USPs: 9,710,669; 7,475,246; 8,171,561; 8,789,201; and 8,739,295

37 CFR 1.136 EXTENSION OF TIME - 1 month

37 CFR 1.111 Amendment Remarks

37 CFR 1.111 Amendment Claims

4. THE FOLLOWING DOCUMENTS ARE SUBMITTED SEPARATELY:

Web based Terminal Disclaimer over USPs: 9710669; 8,171,561; 8,789,201; and 8,739,295 Truly, /RichardNeifeld/

RICHARD NEIFELD, REG. NO. 35,299 ATTORNEY OF RECORD

Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\Amendment_SCOT0016-7_10-13-2017.wpd Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

37 CFR 1.136 EXTENSION OF TIME

This is an extension of time of one month, to respond to the 6/13/2017 Non Final Office Action, extending the time to respond to 10/13/2017. The fee for the extension is being paid with this submission.

Truly, /RichardNeifeld/ RICHARD NEIFELD, REG. NO. 35,299 ATTORNEY OF RECORD Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

#### 37 CFR 1.111 AMENDMENT

This is a response to the Non Final Office Action (NFOA) dated 6/13/2017.

#### REMARKS

NFOA And Current Claims

The NFOA rejected claim 1 (1) for double patenting over claims of US Application 14/869279 (which recently issued as US patent 9710669) and claims of US patents 7,475,246; 8,171,561; 8,789,201; 8,739,295; (2) under 35 USC 101; and (3) under 35 USC 103 based upon a combination of Stringer (US patent 5,341,429) and Guedalia (US patent 6,148,333).

Claim 1 has been replaced by claims 32-49. Claim 32 is, like claim 1, is a system claim. Claim 32, like claim 1, recites a communications port; a storage medium (unit); a domain processor; and an address module. Claim 39 is the method claim analog of claim 32, claiming use of the system. Claims 33-38 and 40-49 are dependent claims.

In response to the double patenting rejections, the applicant files, concurrent with this response, an online terminal disclaimer over US patents 7,475,246; 8171561; 8739295; 8789201; and 9710669.

In response to the 103 rejection based upon Stringer and Guedalia, these references fail to disclose or suggest, at least, storing information determined to be authentic, rejecting information determined to be not authentic, and degradation and storing information determined to be neither authentic nor not authentic, as defined by claims 32 and 37.

In response to the 101 rejections, claims 32 and 39 do not define an abstract idea and therefore are patent eligible. With respect to claim 1, the NFOA states that "The claim limitations are directed to collecting information, analyzing it and displaying certain results of the collection and analysis; which has been held to be directed to an abstract idea and non-statutory." In contrast, claim 32 defines, for example, analyzing received encrypted or scrambled content to determine whether to store or reject, and whether to store in degraded form, the received encrypted content, and then storing, not storing, or degrading and storing, accordingly. This is not equivalent to merely collecting, analyzing, and displaying.

The specification shows the following support for the claims. For claim 33's watermark extractor, see for example the specification (as published in US patent publication 20170262652) paragraphs [0079]-[0081]. For claim 34's SU, see for example paragraphs [0011]-[0113]. For claim 35's perceptual based recitation, see for example paragraphs [0014]-[0015]. For claim 36's value added recitation, see for example paragraphs [0026] and [0043]. For claims 43-46, see for example the passage "[0116] The system of the present invention contemplates the need for updating and replacing previously-embedded watermarks (which may be thought of generally as "renewing" a watermark). If someone is able to obtain the algorithms used to embed a watermark--or is otherwise able to crack the security, it would be desirable to be able to embed a new watermark using a secure algorithm. New watermarks, however, cannot be implemented with complete success over night, and thus, there inevitably will be transition periods where older SPCS are operating without updated software. In such a transition period, the content must continue to be recognizable to both the old SPCSs and the upgraded SPCSs. A solution is to embed both the original and the upgraded watermarks into content during the transition periods. Preferably, it is the decision of the content owner to use both techniques or only the upgraded technique." For claim 47, see for example the passage "[0077] FIG. 1 is a block diagram showing the components of a sample LCS system and showing the possible paths for content to enter and leave the LCS. In the embodiment of FIG. 1, the LCS is a general purpose computing device such as a PC with software loaded to emulate the functions of a LCS. The LCS of FIG. 1 has a Rewritable media (such as a hard drive), a Read-Only media (such as a CD-ROM drive), and software to control access (which software, in effect, defines the "LCS Domain")." For claim 32's encrypted or scrambled recitation, see for example the passage "[0010] A method for creating a secure environment for digital content for a consumer is also disclosed. As part of the

method, a LCS requests and receives a digital data set that may be encrypted or scrambled."

Truly, /RichardNeifeld/ RICHARD NEIFELD, REG. NO. 35,299 ATTORNEY OF RECORD

#### IN THE CLAIMS:

32. (New) A local content server system (LCS) for providing conditional access to content, said LCS comprising:

an LCS address module storing an LCS identification code;

an LCS storage unit for storing content in encrypted or scrambled digital form in non-transient memory;

an LCS communications port designed to receive content in the form of digital data;

an LCS domain processor for processing digital data, wherein said LCS domain processor is configured to:

(1) determine if encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity and store said first content in said LCS storage unit in encrypted or scrambled digital form when said LCS domain processor determines that said encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity;

(2) determine if encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity and to not store said first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity; and

(3) determine if encrypted or scrambled first content received by said LCS communications port contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrade said first content and store the degraded first content in said LCS storage unit when said LCS domain processor determines that said first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

33. (New) The LCS of claim 32 wherein said LCS domain processor is configured to use a watermark extractor for determining if said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

34. (New) The LCS of claim 32 wherein said domain processor is configured to determine if a Satellite Unit (SU) is authorized to communicate with said LCS.

35. (New) The LCS of claim 32 wherein said first content is perceptually based information.

36. (New) The LCS of claim 32 wherein said first content is value-added information.

37. (New) The LCS of claim 32 wherein said encrypted or scrambled first content is encrypted.

38. (New) The LCS of claim 32 wherein said encrypted or scrambled first content is scrambled.

39. (New) A method for using a local content server system (LCS) for providing conditional access to content, said LCS comprising an LCS address module storing an LCS identification code; an LCS storage unit for storing content in encrypted or scrambled digital form in non-transient memory; an LCS communications port designed to receive content in the form of digital data; an LCS domain processor for processing digital data;

where said method comprises:

said LCS domain processor determining (1) if encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity and storing said first content in said LCS storage unit in an encrypted or scrambled form when said LCS domain processor determines that said encrypted or scramble first content contains indicia indicating authenticity; (2) if encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity and not storing said first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content contains indicia indicating lack of authenticity; and (3) if encrypted or scrambled first content received by said LCS communications port contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrading and storing the degraded first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content in said LCS domain processor determines that said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrading and storing the degraded first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

40. (New) The method of claim 39 wherein said LCS domain processor uses a watermark extractor for determining if said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

41. (New) The method of claim 39 wherein said domain processor determines if a Satellite Unit (SU) is authorized to communicate with said LCS.

42. (New) The method of claim 39 wherein said first content is perceptually based information.

43. (New) The method of claim 39 further comprising said LCS switching from employing a first algorithm to employing a second algorithm to perform the step of said LCS domain processor determining.

44. (New) The method of claim 43 further comprising updating software in said LCS so that said LCS switches from employing said first algorithm to employing said second algorithm to

perform the step of said LCS domain processor determining.

45. (New) The method of claim 43 further comprising said LCS switching from employing said second algorithm to employing a third algorithm to perform the step of said LCS domain processor determining.

46. (New) The method of claim 45 further comprising updating software in said LCS so that said LCS switches from employing said second algorithm to employing said third algorithm to perform the step of said LCS domain processor determining.

47. (New) The method of claim 39 wherein said LCS comprises control access software, and said LCS domain processor executes said control access software, to thereby define an LCS domain.

48. (New) The method of claim 39 wherein said encrypted or scrambled first content is encrypted.

49. (New) The method of claim 39 wherein said encrypted or scrambled first content is scrambled.

Date/time code: October 13, 2017 (3:50pm) Path/filename code: Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\Amendment_SCOT0016-7_10-13-2017.wpd

Electronic Patent Application Fee Transmittal					
Application Number:	15	15607820			
Filing Date:	30-	30-May-2017			
Title of Invention:	See	cure personal conte	nt server		
First Named Inventor/Applicant Name:	Sco	ott A. Moskowitz			
Filer:	Ric	hard A. Neifeld			
Attorney Docket Number:	SC	OT0016-7			
Filed as Large Entity					
Filing Fees for Utility under 35 USC 111(a)					
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Extension-of-Time:					

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension - 1 month with \$0 paid	1251	1	200	200
Miscellaneous:				
	Tot	al in USD	(\$)	200

Electronic Acknowledgement Receipt				
EFS ID:	30654022			
Application Number:	15607820			
International Application Number:				
Confirmation Number:	9854			
Title of Invention:	Secure personal content server			
First Named Inventor/Applicant Name:	Scott A. Moskowitz			
Customer Number:	31518			
Filer:	Richard A. Neifeld			
Filer Authorized By:				
Attorney Docket Number:	SCOT0016-7			
Receipt Date:	13-OCT-2017			
Filing Date:	30-MAY-2017			
Time Stamp:	16:03:09			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment	yes		
Payment Type	CARD		
Payment was successfully received in RAM	\$200		
RAM confirmation Number	101617INTEFSW16034300		
Deposit Account			
Authorized User			
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:			

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
			90408		
1		Amendment_SCOT0016-7_10- 13-2017.pdf	f797ac752afb58db402ca63937964696023 dec46	yes	9
	Multi	l part Description/PDF files in .	zip description		
	Document De	escription	Start	E	nd
	Transmitta	1	1 1		
	Extension o	2	2		
	Applicant Arguments/Remark	3	5		
	Claim	S	6	6 9	
Warnings:			1		
Information:		<b>F</b>	<b></b> ,		
			30368		
2 Fee Worksheet (SB06)		fee-info.pdf	3204f3535799553797c2bf86b06688edc1b b8700	no 2	
Warnings:		<u> </u>			
Information:					
		Total Files Size (in bytes)	: 12	20776	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11) Approved for use through 1/31/2014. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

P			E DETI	ERMINATION	Applicatio	nd to a collection of informa on or Docket Number 15/607,820		ARTMENT OF COMMERC	
				APPLIC	ATION AS FI	LED - PA		LARGE 🗌 SM	
			(Column '		(Column 2)			I	
	FOR BASIC FEE	N	UMBER FI	LED	NUMBER EXTRA		RATE (\$)		FEE (\$)
	BASIC FEE (37 CFR 1.16(a), (b), (	or (c))	N/A		N/A		N/A		
	SEARCH FEE (37 CFR 1.16(k), (i), ol	r (m))	N/A		N/A		N/A		
U	EXAMINATION FEE (37 CFR 1.16(o), (p), c		N/A		N/A		N/A		
	TAL CLAIMS CFR 1.16(i))		mii	nus 20 = *			x \$80 =		
	EPENDENT CLAIM CFR 1.16(h))	s	m	inus 3 = *			x \$420 =		
_	APPLICATION SIZE 37 CFR 1.16(s))	FEE of p for s frac	aper, the small entit	ation and drawin application size f y) for each addit of. See 35 U.S.C	fee due is \$310 ional 50 sheets	(\$155 or			
	MULTIPLE DEPENI	DENT CLAIM PR	ESENT (37	' CFR 1.16(j))					
lf th	e difference in colur	nn 1 is less than	zero, enter	"0" in column 2.			TOTAL		
				APPLICAT	ION AS AME	NDED - P	ART II		
		(Column 1)		(Column 2)	(Column 3	3)			
AMENDMENT	10/13/2017	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	(TRA	RATE (\$)	ADDIT	IONAL FEE (\$)
δ	Total (37 CFR 1.16(i))	* 18	Minus	** 20	= 0		x \$80 =		0
Ш	Independent (37 CFR 1.16(h))	*2	Minus	*** 3	= 0		x \$420 =		0
₹		ze Fee (37 CFR	.16(s))						
			. ,,	DENT CLAIM (37 CFF	R 1.16(j))				
							TOTAL ADD'L FE	F	0
		(Column 1)		(Column 2)	(Column 3	3)			-
ENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	(TRA	RATE (\$)	ADDIT	IONAL FEE (\$)
NDMENT	Total (37 CFR 1.16(i))	*	Minus	**	=		x \$0 =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x \$0 =		
AME		ze Fee (37 CFR	l.16(s))						
		TATION OF MULTI	PLE DEPENI	DENT CLAIM (37 CFF	₹ 1.16(j))				
							TOTAL ADD'L FE	E	
*  f +	he entry in column '	1 is less than the	entry in col	umn 2 write "0" in	column 3		LIE		
	the "Highest Numbe					)"_	tina J barden		
	f the "Highest Numb								
The	"Highest Number P	reviously Paid Fo	or" (Total or	Independent) is th	e highest number	found in the	appropriate box in colu	mn 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 CFR 1.18. The information is required to bolant of relating a benefit by the public which is to the Card by the CSF 10 to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

31518 e 2017-10-31 NEIFELD IP LAW, PC 5400 Shawnee Road Suite 310 ALEXANDRIA,VA 22312-2300

Paper No. 20171028

Application No.:	15/607,820	Date Mailed:	2017-10-31 ELECTRONIC
First Named Inventor:	Scott A. Moskowitz	Examiner:	AVERY, JEREMIAH L
Attorney Docket No.:	SCOT0016-7	Art Unit:	2431
Confirmation No.:	9854	Filing Date:	05/30/2017

Please find attached an Office communication concerning this application or proceeding.

**Commissioner for Patents** 

PTO-90c (Rev.08-06)

Notice of Non Compliant	Application No. 15/607,820	Applicant(s) Moskowitz et al.				
Notice of Non-Compliant						
Amendment (37 CFR 1.121)	Art Unit OCDD	AIA Status No				
The MAILING DATE of this communication ap						
The amendment document filed on <u>13 October 2017</u> is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121 or 1.4. In order for the amendment document to be compliant, correction of the following item(s) is required.						
<ul> <li>1. Amendments to the specification:</li> <li>A. Amended paragraph(s) do not includ</li> </ul>	<ul> <li>A. Amended paragraph(s) do not include markings.</li> <li>B. New paragraph(s) should not be underlined.</li> </ul>					
<ul> <li>2. Abstract:</li> <li>A.Not presented on a separate sheet. 3</li> <li>B.Other</li> </ul>	7 CFR 1.72.					
<ul> <li>3. Amendments to the drawings:</li> <li>A. The drawings are not properly identifie</li> <li>"Annotated Sheet" as required by 37 (</li> </ul>	CFR 1.121(d).					
<ul> <li>B. The practice of submitting proposed d showing amended figures, without ma</li> <li>C. Other</li> </ul>						
<ul> <li>A. A complete listing of all of the claims</li> <li>B. The listing of claims does not include</li> <li>C. Each claim has not been provided wire of each claim cannot be identified. Not number by using one of the following (Previously presented), (New), (Not explanation)</li> </ul>	<ul> <li>✓ 4. Amendments to the claims:</li> <li>✓ A. A complete listing of all of the claims is not present.</li> <li>B. The listing of claims does not include the text of all pending claims (including withdrawn claims)</li> <li>✓ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).</li> <li>✓ D. The claims of this amendment paper have not been presented in ascending numerical order.</li> </ul>					
5. Other (e.g., the amendment is unsigned or of the amendment format required by 37 CFR 1.12		CFR 1.4): For further explanation				
<ol> <li>TIME PERIODS FOR FILING A REPLY TO THIS NOT</li> <li>Applicant is given <b>no new time period</b> if the non-c filed after allowance, or a drawing submission (only amendment with corrections, the <b>entire corrected</b></li> </ol>	ompliant amendment is an after- /) If applicant wishes to resubmit	the non-compliant after-final				
2. Applicant is given two months from the mail date of this notice to supply the correction, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action. If any of above boxes 1 to 4 are checked, the correction required is only the corrected section of the non-compliant amendment in compliance with 37 CFR 1.121.						
amendment or an amendment filed in respons <u>Failure to timely respond</u> to this notice will re	<u>Extensions of time</u> are available under 37 CFR 1.136(a) <u>only</u> if the non-compliant amendment is a non-final amendment or an amendment filed in response to a <i>Quayle</i> action. Failure to timely respond to this notice will result in:					
Abandonment of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a <i>Quayle</i> action; or <b>Non-entry</b> of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.						
Legal Instruments Examiner (LIE), if applicable //TINA、	J BARDEN/ Tel	lephone No: <u>(571)272-0555</u>				
U.S. Patent and Trademark Office PTOL-324 (11-13) Notice of Non-Com	pliant Amendment (37 CFR 1.121)	Part of Paper No. 20171028				

Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

Response to Notice - Remarks

The Notice of Non-Compliant Amendment dated 10-31-2017 indicated that the amendment to the claims was non-compliant, having box 4 checked.

The amendment filed 10-13-2017 was in response to a non final office action. Item 2 in the Notice specifies a 2-month period to reply in the case of a non compliant response to a non final office action. Accordingly, a 2-month period, ending 12/31/2017 exists to reply to the Notice.

Item 2 in the Notice specifies that if any of boxes 1-4 are checked, then only the corrected section of the non-compliant amendment is required. Box 4 is checked. Accordingly, only the claims section of the amendment is required to respond to the Notice.

Applicant submits a compliant claims section for the amendment, following these remarks.

On 5/30/2017, the applicant filed the application with claims 1-30.

On 5/30/2017, the applicant filed a preliminary amendment canceling claims 2-31.

The 6/13/2017 non-final office action examined claim 1.

On 10/13/2017, the applicant filed a claim amendment presenting new claims 32-49 with status identifier "(New)," and remarks stating that "Claim 1 has been replaced by new claims 32-49. The claim amendment did not specify "1-31. (Canceled)." Accordingly, the non-compliance appears to be the failure to state "1-31. (Canceled)" when specifying the claims in the amendment filed 10/13/2017.

The claims section below inserts "1-31. (Canceled)" prior to claims 32-49, but contains no other changes to the claims presented 10/13/2017.

Truly, /RichardNeifeld/ RICHARD NEIFELD, REG. NO. 35,299 ATTORNEY OF RECORD

#### IN THE CLAIMS:

1-31. (Canceled)

32. (New) A local content server system (LCS) for providing conditional access to content, said LCS comprising:

an LCS address module storing an LCS identification code;

an LCS storage unit for storing content in encrypted or scrambled digital form in non-transient memory;

an LCS communications port designed to receive content in the form of digital data;

an LCS domain processor for processing digital data, wherein said LCS domain processor is configured to:

(1) determine if encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity and store said first content in said LCS storage unit in encrypted or scrambled digital form when said LCS domain processor determines that said encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity;

(2) determine if encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity and to not store said first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity; and

(3) determine if encrypted or scrambled first content received by said LCS communications port contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrade said first content and store the degraded first content in said LCS storage unit when said LCS domain processor determines that said first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

33. (New) The LCS of claim 32 wherein said LCS domain processor is configured to use a watermark extractor for determining if said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

34. (New) The LCS of claim 32 wherein said domain processor is configured to determine if a Satellite Unit (SU) is authorized to communicate with said LCS.

35. (New) The LCS of claim 32 wherein said first content is perceptually based information.

36. (New) The LCS of claim 32 wherein said first content is value-added information.

37. (New) The LCS of claim 32 wherein said encrypted or scrambled first content is

encrypted.

38. (New) The LCS of claim 32 wherein said encrypted or scrambled first content is scrambled.

39. (New) A method for using a local content server system (LCS) for providing conditional access to content, said LCS comprising an LCS address module storing an LCS identification code; an LCS storage unit for storing content in encrypted or scrambled digital form in non-transient memory; an LCS communications port designed to receive content in the form of digital data; an LCS domain processor for processing digital data;

where said method comprises:

said LCS domain processor determining (1) if encrypted or scrambled first content received by said LCS communications port contains indicia indicating authenticity and storing said first content in said LCS storage unit in an encrypted or scrambled form when said LCS domain processor determines that said encrypted or scramble first content contains indicia indicating authenticity; (2) if encrypted or scrambled first content received by said LCS communications port contains indicia indicating lack of authenticity and not storing said first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content contains indicia indicating lack of authenticity; and (3) if encrypted or scrambled first content received by said LCS communications port contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrading and storing the degraded first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content in said LCS domain processor determines that said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity and degrading and storing the degraded first content in said LCS storage unit when said LCS domain processor determines that said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

40. (New) The method of claim 39 wherein said LCS domain processor uses a watermark extractor for determining if said encrypted or scrambled first content contains neither one of indicia indicating authenticity and indicia indicating lack of authenticity.

41. (New) The method of claim 39 wherein said domain processor determines if a Satellite Unit (SU) is authorized to communicate with said LCS.

42. (New) The method of claim 39 wherein said first content is perceptually based information.

43. (New) The method of claim 39 further comprising said LCS switching from employing a first algorithm to employing a second algorithm to perform the step of said LCS domain processor determining.

44. (New) The method of claim 43 further comprising updating software in said LCS so that said LCS switches from employing said first algorithm to employing said second algorithm to perform the step of said LCS domain processor determining.

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46. (New) The method of claim 45 further comprising updating software in said LCS so that said LCS switches from employing said second algorithm to employing said third algorithm to perform the step of said LCS domain processor determining.

47. (New) The method of claim 39 wherein said LCS comprises control access software, and said LCS domain processor executes said control access software, to thereby define an LCS domain.

48. (New) The method of claim 39 wherein said encrypted or scrambled first content is encrypted.

49. (New) The method of claim 39 wherein said encrypted or scrambled first content is scrambled.

Date/time code: October 31, 2017 (9:46am) Path/filename code: Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\ResponseToNoticeOfNonCompliance_SCOT0016-7_10-13-2017.wpd

Electronic Acl	knowledgement Receipt
EFS ID:	30808349
Application Number:	15607820
International Application Number:	
Confirmation Number:	9854
Title of Invention:	Secure personal content server
First Named Inventor/Applicant Name:	Scott A. Moskowitz
Customer Number:	31518
Filer:	Richard A. Neifeld
Filer Authorized By:	
Attorney Docket Number:	SCOT0016-7
Receipt Date:	31-OCT-2017
Filing Date:	30-MAY-2017
Time Stamp:	10:18:22
Application Type:	Utility under 35 USC 111(a)

# Payment information:

Submitted wi	th Payment	no	no					
File Listing:								
Document Number	<b>Document Description</b>	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)			
		ResponseToNoticeOfNonCom	121679					
1		liance_SCOT0016-7_10-13-20 7.pdf		yes	6			

	Multipart Description/PDF files in .zip description							
	Document Description	Start	End					
	Transmittal Letter	1	1					
	Amendment/Req. Reconsideration-After Non-Final Reject	2	2					
	Claims	3	6					
Warnings:								
Information:								
	Total Files Size (in bytes):	12	21679					

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New Applications Under 35 U.S.C. 111

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National Stage of an International Application under 35 U.S.C. 371

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#### Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE Priority claims and PCT Intl data: This application is a continuation of U.S. Application No. 14869279, filed September 29, 2015, which is a continuation of U.S. Application No. 14/256,315, filed April 18, 2014, which issued January 5, 2016 as U.S. Patent 9231980, which is a continuation of U.S. Application No. 13/796,538, filed March 12, 2013, which issued July 22, 2014 as U.S. Patent No. 8,789,201, which is a continuation of Application No. 13/413,691, filed March 7, 2012, which issued May 27, 2014 as U.S. Patent No. 8,739,295, which is a continuation of U.S. Application No. 12/287,443, filed October 9, 2008, which issued as U.S. Patent No. 8,171,561 on May 1, 2012, which is a continuation of U.S. Application No. 10/049,101, which issued as U.S. Patent No. 7,475,246 on January 6, 2009, which entered the US national stage July 23, 2002, which is a national stage entry of PCT/US00/21189, filed Aug. 4, 2000, which claims the benefit of U.S. Patent Application No. 60/147,134, filed Aug. 4, 1999, entitled, "A Secure Personal Content Server" and U.S. Patent Application No. 60/213,489, filed Jun. 23, 2000, entitled "A Secure Personal Content Server." The contents of U.S. Application No. 14869279, filed September 29, 2015, U.S. Application No. 14/256,315, filed April 18, 2014, U.S. Application No. 13/796,538, filed March 12, 2013, U.S. Application No. 13/413,691, filed March 7, 2012, U.S. Application No. 12/287,443, filed October 9, 2008, and U.S. Application No. 10/049,101, filed July 23, 2002, are incorporated by reference in their entirety.

# **37 CFR 1.7(c) FILING RECEIPT AND TRANSMITTAL LETTER WITH AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT**

#### 1. THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY FEES WHICH MAY BE REQUIRED, OR CREDIT ANY OVERPAYMENT, TO DEPOSIT ACCOUNT NUMBER 50-2106.

2. FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$: 0

#### 3. THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH:

Response to Notice - Remarks Response to Notice - Claims

Truly, /RichardNeifeld/ RICHARD NEIFELD, REG. NO. 35,299 ATTORNEY OF RECORD

Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\ResponseToNoticeOfNonCompliance_SCOT0016-7_10-13-2017.wpd

PTO/SB/06 (09-11) Approved for use through 1/31/2014. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		Unde	er the Paper	rwork R	eduction Act of 1995,	no persons are requi					alid OMB control number.
P/	ATENT APPL		I FEE D			I RECORD	Application 15/	or Docket 1 607,820		Filing Date 05/30/2017	To be Mailed
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					APPLIC	ATION AS FIL	ED – PARI	ГІ			
			(Col	umn 1	)	(Column 2)					
	FOR		NUMBI	ER FIL	.ED	NUMBER EXTRA		RATE (\$) FEE (\$)			FEE (\$)
	BASIC FEE (37 CFR 1.16(a), (b), o	or (c))	١	N/A		N/A		N/A			
	SEARCH FEE (37 CFR 1.16(k), (i), c	or (m))	1	N/A		N/A		N/A			
	EXAMINATION FE (37 CFR 1.16(o), (p), (	E	١	N/A		N/A		N/A			
	TAL CLAIMS CFR 1.16(i))			min	us 20 = *			X \$	=		
	EPENDENT CLAIM CFR 1.16(h))	S		mi	nus 3 = *			X \$	=		
	APPLICATION SIZE (37 CFR 1.16(s))	FEE	of paper, for small	the a entity	tion and drawing application size f ) for each additi f. See 35 U.S.C	ee due is \$310 ( onal 50 sheets o	\$155 r				
	MULTIPLE DEPEN	IDENT CLAII	M PRESE	NT (37	7 CFR 1.16(j))						
* lf t	he difference in colu	ımn 1 is less	than zero	, ente	r "0" in column 2.			ТС	DTAL		
		(Column	1)		(Column 2)	ON AS AMEN (Column 3		RT II			
AMENDMENT	10/31/2017	CLAIMS REMAININ AFTER AMENDMI			HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EX	TRA	RA	TE (\$)	ADDITI	ONAL FEE (\$)
ME	Total (37 CFR 1.16(i))	∗ 18	Mi	inus	** 20	= 0		x \$80	=		0
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AME	Application Si	ze Fee (37 C	CFR 1.16(s	s))							
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								TOTAL	ADD'L FEI		0
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Ľ	Total (37 CFR 1.16(i))	*	Mi	inus	**	=		X \$	=		
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ЫN	Application Si	ze Fee (37 C	CFR 1.16(s	s))							
AN	FIRST PRESEN		IULTIPLE D	DEPEN	DENT CLAIM (37 CFF	R 1.16(j))					
								TOTAL	ADD'L FEI	=	
** lf *** l	* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.       LIE         ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".       KIM WATSON         *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".       The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.										
	collection of informat	-				_	-				by the USPTO to

process) an application. Confidentiality is governed by 37 U.S. C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

NITED STATES DEPARTMENT OF COMMERC Inited States Patent and Trademark Office	Е
ddress: COMMISSIONER FOR PATENTS	
P.O. Box 1450	
Alexandria, Virginia 22313-1450	
www.uspto.gov	

#### NOTICE OF ALLOWANCE AND FEE(S) DUE

31518 7590 12/06/2017 NEIFELD IP LAW, PC 5400 Shawnee Road Suite 310 ALEXANDRIA, VA 22312-2300 EXAMINER AVERY, JEREMIAH L ART UNIT PAPER NUMBER 2431

DATE MAILED: 12/06/2017

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/607,820	05/30/2017	Scott A. Moskowitz	SCOT0016-7	9854

TITLE OF INVENTION: Secure personal content server

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	03/06/2018

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED</u>. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: <u>Mail</u> Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or <u>Fax</u> (571)-273-2885

appropriate. All further	correspondence includit ted below or directed ot	ng the Patent, advance of	SUE FEE and PUBLICATI orders and notification of n (a) specifying a new corres	naintenance fees v pondence address	vill be ma ; and/or (l	ailed to the current b) indicating a sep	correspondence address a arate "FEE ADDRESS" fo	
CURRENT CORRESPON	DENCE ADDRESS (Note: Use B	lock 1 for any change of address)	) Fee(	s) Transmittal. Th ers. Each additiona	is certifica il paper, s	ate cannot be used t	or domestic mailings of the for any other accompanying ent or formal drawing, mus	
31518 NEIFELD IP 1 5400 Shawnee 1	LAW, PC	5/2017	State	reby certify that the es Postal Service v ressed to the Mai	uis Fee(s) vith suffic 1 Stop IS	tient postage for fir SUE FEE address	mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below.	
Suite 310 ALEXANDRIA	A, VA 22312-2300						(Depositor's name)	
	.,						(Signature)	
							(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTORN	NEY DOCKET NO.	CONFIRMATION NO.	
15/607,820	05/30/2017	•	Scott A. Moskowitz		s	COT0016-7	9854	
TITLE OF INVENTION	N: Secure personal conter	nt server						
APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSU	E FFE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	DIDD	\$960	03/06/2018	
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EXA				1				
	MINER EREMIAH L	ART UNIT 2431	CLASS-SUBCLASS 726-001000					
· · · ·	dence address or indication		2. For printing on the p	atent front nage li	et			
CFR 1.363).		`	(1) The names of up to	3 registered pater		/s 1		
Address form PTO/S	pondence address (or Cha B/122) attached.	inge of Correspondence	or agents OR, alternatively, (2) The name of a single firm (having as a member a ²					
"Fee Address" in PTO/SB/47; Rev 03- Number is required	dication (or "Fee Address 02 or more recent) attach I.	" Indication form ed. Use of a Customer	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
3. ASSIGNEE NAME A	AND RESIDENCE DAT.	A TO BE PRINTED ON	THE PATENT (print or typ	be)				
PLEASE NOTE: Ur recordation as set for (A) NAME OF ASS	th in 37 CFR 3.11. Com	ified below, no assigned pletion of this form is NO	e data will appear on the pa DT a substitute for filing an (B) RESIDENCE: (CITY	assignment.			locument has been filed for	
Please check the approp	riate assignee category of	r categories (will not be p	printed on the patent):	Individual 📮 C	orporation	ı or other private gr	oup entity 📮 Government	
4a. The following fee(s)	) are submitted:	2	b. Payment of Fee(s): (Plea	se first reapply a	ny previo	usly paid issue fee	shown above)	
Issue Fee Publication Fee (	No small entity discount	permitted)	<ul> <li>A check is enclosed.</li> <li>Payment by credit card. Form PTO-2038 is attached.</li> </ul>					
	# of Copies		The director is hereby overpayment, to Depo	authorized to char	ge the rea	uired fee(s), anv de	ficiency, or credits any in extra copy of this form).	
5. Channel in Endian St	- <b>1</b>	d -h)						
	<b>atus</b> (from status indicate ing micro entity status. Se		<u>NOTE:</u> Absent a valid ce	rtification of Micro	o Entity St	tatus (see forms PT	O/SB/15A and 15B), issue	
Applicant asserti	ng small entity status. See	fee payment in the micro entity amount will not be accepted at the risk of application abandonment. <u>NOTE:</u> If the application was previously under micro entity status, checking this box will be taken						
	ng to regular undiscounte	to be a notification of loss of entitlement to micro entity status. <u>NOTE:</u> Checking this box will be taken to be a notification of loss of entitlement to small or micro						
			entity status, as applicable	2.			nicinent to sman or nicro	
NOTE: This form must	be signed in accordance	with 37 CFR 1.31 and 1.3	33. See 37 CFR 1.4 for signa	ature requirements	and certif	ications.		
Authorized Signature	e			Date				
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			Page 2 of 3					
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OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	ted States Pate	NT AND TRADEMARK OFFICE	UNITED STATES DEPAR United States Patent and Address: COMMISSIONER F P.O. Box 1450 Alexandria, Virginia 223 www.uspto.gov	Trademark Office OR PATENTS
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/607,820	05/30/2017	Scott A. Moskowitz	SCOT0016-7	9854
31518 75	90 12/06/2017		EXAM	IINER
NEIFELD IP LA 5400 Shawnee Roa	/		AVERY, JE	REMIAH L
Suite 310			ART UNIT	PAPER NUMBER
ALEXANDRIA, V	A 22312-2300		2431	
			DATE MAILED: 12/06/201	7

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

#### OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

	Application No. 15/607.820	Applicant(s MOSKOW)	
Notice of Allowability	Examiner	Art Unit	AIA (First Inventor to File)
	JEREMIAH AVERY	2431	Status No
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in th ) or other appropriate communic IGHTS. This application is sub	is application. If no cation will be mailed	ot included d in due course. <b>THIS</b>
1. X This communication is responsive to the amendments filed	on 10/31/2017.		
A declaration(s)/affidavit(s) under <b>37 CFR 1.130(b)</b> was	s/were filed on		
<ol> <li>An election was made by the applicant in response to a response requirement and election have been incorporated into this a</li> </ol>	triction requirement set forth du	ring the interview o	n; the restriction
<ol> <li>The allowed claim(s) is/are <u>32-49</u>. As a result of the allowed Highway program at a participating intellectual property off http://www.uspto.gov/patents/init_events/pph/index.jsp or s</li> </ol>	ice for the corresponding applic	ation. For more info	
4. 🗌 Acknowledgment is made of a claim for foreign priority und	er 35 U.S.C. § 119(a)-(d) or (f).		
Certified copies:			
a) ☐ All b) ☐ Some *c) ☐ None of the:			
1. Certified copies of the priority documents hav	e been received.		
2. Certified copies of the priority documents hav		No	
3. Copies of the certified copies of the priority do	ocuments have been received ir	this national stage	application from the
International Bureau (PCT Rule 17.2(a)).		Ũ	
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		reply complying wit	h the requirements
5.  ☐ CORRECTED DRAWINGS ( as "replacement sheets") mus	st be submitted.		
including changes required by the attached Examiner Paper No./Mail Date	's Amendment / Comment or in	the Office action of	
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			t (not the back) of
<ol> <li>DEPOSIT OF and/or INFORMATION about the deposit of I attached Examiner's comment regarding REQUIREMENT For 1</li> </ol>			the
Attachment(s)			
1. X Notice of References Cited (PTO-892)	5. 🔀 Examiner's Ar	nendment/Commer	nt
2. X Information Disclosure Statements (PTO/SB/08),	6. 🔲 Examiner's St	atement of Reason	s for Allowance
Paper No./Mail Date <u>20171003</u> 3. Examiner's Comment Regarding Requirement for Deposit	7. 🗌 Other		
of Biological Material 4. Interview Summary (PTO-413), Paper No./Mail Date			
/JEREMIAH AVERY/ Primary Examiner, Art Unit 2431			
U.S. Patent and Trademark Office PTOL-37 (Rev. 08-13)	Notice of Allowability	Datt	of Paper No./Mail Date
20171020		, are	

Application/Control Number: 15/607,820 Art Unit: 2431

#### **DETAILED ACTION**

I. Claims 1-31 have been cancelled.

II. Claims 32-49 have been added.

III. Claims 32-49 have been examined.

#### Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.

#### Priority

2. The current application is a continuation of 14/869279 (allowed patent application but U.S. Patent Number not assigned yet), filed 09/29/2015 which is a continuation of 14/256315, filed 04/18/2014, now U.S. Patent #9231980 which is a continuation of 13/796538, filed 03/12/2013, now U.S. Patent #8789201 which is a continuation of 13/413691, filed 03/07/2012, now U.S. Patent #8739295 which is a continuation of 12/287443, filed 10/09/2008, now U.S. Patent #8171561 which is a continuation of 10/049101, filed 07/23/2002, now U.S. Patent #7475246 which is a national stage entry of PCT/US2000/021189, International Filing Date: 08/04/2000 which claims priority from Provisional Application 60213489, filed 06/23/2000.

#### **Terminal Disclaimer**

3. The terminal disclaimer filed on 10/13/2017 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of United States Patent Numbers 9,710,669; 8,739,295; 8,789,201; 8,171,561 and

Application/Control Number: 15/607,820 Art Unit: 2431

7,475,246 has been reviewed and is accepted. The terminal disclaimer has been recorded.

#### Examiner's Comments

4. This communication warrants No Examiner's Reason for Allowance, the record as a whole – as found within the parent patents – makes evident the reasons for allowance proviso of the rule 37 CFR 1.104(e). As such the reasons for allowance are in all probability evident from the record and no statement is deemed necessary (see MPEP 1302.14).

5. The filing and approval of the Terminal Disclaimer give cause for the Double Patenting rejection to be hereby withdrawn.

6. The cancellation of the previous claims give cause for the previous 35 U.S.C.101 rejection to be hereby withdrawn.

7. Any comments Applicants considers necessary must be submitted no later than the payment of the Issue Fee and to avoid processing delays, should preferable accompany the Issue Fees. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance". In event of any post-allowance papers (e.g. IDS, 312 amendment, petition, etc.), Applicant is exhorted to mail papers to the Production Control branch in Publications or faxed to post-allowance papers correspondence branch at (703) 308-5864 to expedite issuing process or call PUB's Customer Service if any questions at (703) 305-8497.

#### Conclusion

Application/Control Number: 15/607,820 Art Unit: 2431

 Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEREMIAH AVERY whose telephone number is (571)272-8627. The examiner can normally be reached on Monday thru Friday 8:30am-5pm.

9. Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

10. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cordelia Zecher can be reached on (571) 272-7771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

11. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JEREMIAH AVERY/ Primary Examiner, Art Unit 2431 Application/Control Number: 15/607,820 Art Unit: 2431 Page 5

				Application/C	Control No.		Applicant(s)/Pat Reexamination		
		Notice of References	s Cited		Examiner			MOSKOWITZ E	T AL.
								Art Unit	Page 1 of 1
								2431	
		Document Number	Date	U.S. PA	TENT DOCUME	NTS			
r		Country Code-Number-Kind Code	MM-YYYY		Name		CPO	C Classification	US Classification
	Α	US-6,950,941 B1	09-2005	Lee; Cł	nang-Hyi		(	G06F21/10	713/156
	В	US-5,818,818 A	10-1998	Soumiy	a; Toshio		F	104L49/205	370/252
	С	US-7,672,317 B2	03-2010	Gateva	; Ralitsa		ŀ	H04L12/66	370/401
	D	US-6,226,618 B1	05-2001	Downs	Edgar		(	G06F21/10	380/279
	Е	US-6,385,596 B1	05-2002	Wiser;	Philip R.		(	G06F21/10	369/84
	F	US-5,862,260 A	01-1999	Rhoads	s; Geoffrey B.		G	06F17/30876	382/232
	G	US-6,522,769 B1	02-2003	Rhoads	s; Geoffrey B.			G06Q30/02	382/100
	н	US-6,173,322 B1	01-2001	Hu; We	ei-Ming		(	G06F9/505	709/217
	Ι	US-7,233,948 B1	06-2007	Shamo	on; Talal G.		HO	4N21/234318	348/E5.004
	J	US-6,510,513 B1	01-2003	Danieli	; Damon V.		(	G06F21/64	380/279
	к	US-6,480,963 B1	11-2002	Tachiba	ana; Hirotaka		н	04L63/0227	713/166
	L	US-							
	м	US-							
			F	OREIGN	PATENT DOCU	MENTS			
		Document Number Country Code-Number-Kind Code	Date MM-YYYY	0	Country		Name		CPC Classification
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	U	von Faber, Eberhard; Hamme 13th Annual Computer Securi http://ieeexplore.ieee.org/stan	ty Applications	s Confere	ence. Pub. Date		bution o	of Digital Content	s. Proceedings of th
	v	Augot, Daniel; Boucqueau, Je over Open Networks. Proceec http://ieeexplore.ieee.org/stan	lings of IEEE.	Vol. 87,	lssue: 7. Pub.			y, Eddy. Secure [	Delivery of Images

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*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office PTO-892 (Rev. 01-2001)

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Notice of References Cited

Part of Paper No. 20171020

# EAST Search History

# EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	8	(MOSKOWITZ-SCOTT-A.in. or BERRY-MIKE- W.in.) and (server and processor and content and watermark\$).clm.	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:29
L3	6	BLUE-SPIKE-INC.as. and (server and processor and content and watermark\$).clm.	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:29
L4	11771	(@ad<"19990804" @pd<"19990804" @prad<"19990804") and (server and (((transmit\$ or transmission or send or sending or sent or upload\$ or uplink or download\$)) same (rules or parameters or policy or policies or guidelines)))	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L5	6343	L4 and (authoriz\$ or authoris\$ or valid or validat\$) and (ID or identit\$ or identif\$)	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L6	2206	L5 and domain	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L7	145	L6 and ((quality with (level or resolution or version)) or (hierarch\$ with quality)) and ((legacy or early or earlier or earliest or previous\$ or before) with (audio or video or digital or media or multi?media or mpeg or image or jpeg or jpg or gif or bitmap or bmp or mp3 or wav))	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L8	145	L7 and (store or storing or storage or database or repositor\$) and server	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L9	145	L8 and (low or lower or degrad\$5)	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L10	145	L9 and (play\$4 or execut\$4 or perform\$4)	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30
L11	40	L10 and (380/236.ccls. or 380/237.ccls. or 380/238.ccls. or 713/169.ccls. or 455/3.06.ccls. or 726/1.ccls. or 726/26.ccls. or H04L63/20.cpc. or H04L29/06.cpc. or H04L63/20.cpc. or H04L67/02.cpc. or H04N7/1675.cpc. or H04N21/4181.cpc. or G06F21/10.cpc. or H04N21/4183.cpc. or H04N21/8358.cpc. or H04N21/4627.cpc. or G06F2221/0706.cpc. G06F 2221/0733)	US- PGPUB; USPAT; EPO	OR	ON	2017/11/16 10:30

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# **EAST Search History**

# EAST Search History (Interference)

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	<b></b> ()) 1999	Year: 1999, Volume: 87, Issue: 7 Pages: 1062 - 1078	
From To		Cited by: Papers (904)   Patents (29) IEEE Journals & Magazines	
Author		▶ Abstract (1496 Kb) (C)	Shareyout the other and more so 25
Affiliation		The secure distribution of digital contents E. von Faber; R. Hammeirath; FP. Heider	
Publication Title		Proceedings 13th Annual Computer Security Applications Conference Year: 1997	Takes only 20 minutes
Publisher		Pages: 16 - 22 Cited by: Papers (1)   Palents (20)	
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		<ul> <li>Secure delivery of images over open networks</li> <li>D. Augot; JM. Boucqueau; JF. Delaigle; C. Fontaine; E. Goray</li> <li>Proceedings of the IEEE</li> <li>Year: 1999, Volume: 87, Issue: 7</li> <li>Pages: 1251 - 1266</li> <li>Cited by: Papers (14)   Patents (18)</li> <li>IEEE Journals &amp; Magazines</li> </ul>	∲IEEE
		Abstract (192 Kb)	

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A digital watermark
   R. G. van Schyndel; A. Z. Tirkel; C. F. Osborne
   Proceedings of 1st International Conference on Image Processing
   Year: 1994, Volume: 2
   Pages: 86 - 90 vol.2
   Cited by: Papers (380) | Patents (136)
   IEEE Conference Publications
                 (288 Kb)
   Abstract
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A method for providing digital image authenticity
   I. Rakocevic; B. Reljin; I. Reljin
   Telecommunications in Modern Satellite, Cable and Broadcasting Services,
   1999, 4th International Conference on
   Year: 1999, Volume: 1
   Pages: 173 - 176 vol.1
   Cited by: Papers (2)
   IEEE Conference Publications
                 (1172 Kb)
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   Abstract
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The protection of information in computer systems
   J. H. Saltzer; M. D. Schroeder
   Proceedings of the IEEE
   Year: 1975, Volume: 63, Issue: 9
   Pages: 1278 - 1308
   Cited by: Papers (490) | Patents (58)
   IEEE Journals & Magazines
   Abstract
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Cryptology for digital TV broadcasting
   B. M. Macq; J. -J. Quisquater
   Proceedings of the IEEE
   Year: 1995, Volume: 83, Issue: 6
   Pages: 944 - 957
   Cited by: Papers (165) | Patents (142)
   IEEE Journals & Magazines
                  (1356 Kb)
   Abstract
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A flexible middleware for multimedia communication: design,
   implementation, and experience
   B. Stiller; C. Class; M. Waldvogel; G. Caronni; D. Bauer
   IEEE Journal on Selected Areas in Communications
   Year: 1999, Volume: 17, Issue: 9
   Pages: 1580 - 1598
   Cited by: Papers (18) | Patents (9)
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IEEE Journals & Magazines

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(400 Kb)
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   Abstract
B
A robust data hiding technique using multidimensional lattices
   J. J. Chae; D. Mukherjee; B. S. Manjunath
   Research and Technology Advances in Digital Libraries, 1998. ADL 98.
   Proceedings. IEEE International Forum on
   Year: 1998
   Pages: 319 - 326
   Cited by: Papers (7) | Patents (3)
   IEEE Conference Publications
                 (1036 Kb)
   Abstract
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The dynamic digital disk
   A. E. Bell
   IEEE Spectrum
   Year: 1999, Volume: 36, Issue: 10
   Pages: 28 - 35
   Cited by: Papers (8) | Patents (26)
   IEEE Journals & Magazines
                  🗱 (852 Kb)
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   Abstract
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Virtual storage architecture guide (VSAG)
   R. Baird
   Proceedings of IEEE 14th Symposium on Mass Storage Systems
   Year: 1995
   Pages: 312 - 326
   Cited by: Papers (1) | Patents (21)
   IEEE Conference Publications
                  (1368 Kb)
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   Abstract
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Security for the digital library-protecting documents rather than channels
   U. Kohi; J. Lotspiech; S. Nusser
   Proceedings Ninth International Workshop on Database and Expert Systems
   Applications (Cat. No.98EX130)
   Year: 1998
   Pages: 316 - 321
   Cited by: Papers (1) | Patents (7)
   IEEE Conference Publications
   Abstract
                  (64 Kb)
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ിഷ
Identification of data, devices, documents and individuals
   G. J. Simmons
   Proceedings, 25th Annual 1991 IEEE International Carnahan Conference on
   Security Technology
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Year: 1991

Pages: 197 - 218 Cited by: Papers (4) | Patents (10) **IEEE Conference Publications** (1660 Kb)  $\langle \mathfrak{O} \rangle$ Abstraci ിങ NetBill: an Internet commerce system optimized for network-delivered services M. Sirbu; J. D. Tygar **IEEE Personal Communications** Year: 1995, Volume: 2, Issue: 4 Pages: 34 - 39 Cited by: Papers (22) | Patents (219) **IEEE Journals & Magazines** (700 Kb)  $\otimes$ Abstract B «Finit « 1 » Linit» Need Help? **IEEE Account Purchase Details** Profile Information - Change Username/Password » Payment Options **Communications Preferences** US & Canada: +1 800 678 4333 » Order History Profession and Education Worldwide: +1 732 981 0060 Update Address » View Purchased Documents **Technical Interests** Contact & Support

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	Application/Control No.	Applicant(s)/Patent Under Reexamination
Search Notes	15607820	MOSKOWITZ ET AL.
	Examiner	Art Unit
	JEREMIAH AVERY	2431

CPC- SEARCHED		
Symbol	Date	Examiner
H04L 63/20, H04L 29/06, H04L 63/20, H04L 67/02, H04N 7/1675,	11/16/2017	JLA
H04N 21/4181, G06F 21/10, H04N 21/4183, H04N 21/8358, H04N		
21/4627, G06F 2221/0706 and G06F 2221/0733 (text search)		

CPC COMBINATION SETS - SEARCHED				
Symbol Date Examiner				

	US CLASSIFICATION SEARCHED					
Class	Subclass	Date	Examiner			
380	236, 237, 238 (text search)	11/16/2017	JLA			
713	169 (text search)	11/16/2017	JLA			
455	3.06 (text search)	11/16/2017	JLA			
726	1 and 26 (text search)	11/16/2017	JLA			

 *  See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

SEARCH NOTES				
Search Notes	Date	Examiner		
Updated Inventor Search	11/16/2017	JLA		
Updated Assignee Search	11/16/2017	JLA		
Updated Keywords in EAST Search	11/16/2017	JLA		
Updated Keywords Search within Class 380, subclasses 236-238, Class 713, subclass 169, Class 455, subclass 3.06 and Class 726, subclasses 1 and 26	11/16/2017	JLA		
Updated Keywords Search within CPC: H04L 63/20, H04L 29/06, H04L 63/20, H04L 67/02, H04N 7/1675, H04N 21/4181, G06F 21/10, H04N 21/4183, H04N 21/8358, H04N 21/4627, G06F 2221/0706 and G06F 2221/0733	11/16/2017	JLA		
IEEE Search	11/16/2017	JLA		

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INTERFERENCE SEARCH								
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner					
None	((((low or lower or degrad\$5)) with (content or data)) and server and (transmit\$5 or transmission or send\$3 or sent) and (data or information or info or audio or video or movie or song or film or music) and (authori\$ or authentic\$ or verify\$ or verification or valid\$6) and (authentic\$ or verify\$ or verified or verification) and domain).clm.	11/16/2017	JLA					

U.S. Patent and Trademark Office

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	Application/Control No.	Applicant(s)/Patent Under Reexamination
Issue Classification	15607820	MOSKOWITZ ET AL.
	Examiner	Art Unit
	JEREMIAH AVERY	2431

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Symbol			Туре	Version
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G06F	21	10	1	2013-01-01
G06F	2221	0706	A	2013-01-01
G06F	2221	0733	А	2013-01-01
H04N	7	1675	1	2013-01-01
H04N	21	4181	1	2013-01-01
H04L	63	08	1	2013-01-01
H04N	21	4627	1	2013-01-01
H04N	21	8358	1	2013-01-01
H04L	67	02	1	2013-01-01
H04L	63	20	1	2013-01-01
H04N	21	4183	1	2013-01-01

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NONE		Total Clain	ns Allowed:			
(Assistant Examiner)	(Date)	1	8			
/JEREMIAH AVERY/ Primary Examiner.Art Unit 2431	11/16/2017	O.G. Print Claim(s)	O.G. Print Figure			
(Primary Examiner)	(Date)	1	3			
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	Application/Control No.	Applicant(s)/Patent Under Reexamination
Issue Classification	15607820	MOSKOWITZ ET AL.
	Examiner	Art Unit
	JEREMIAH AVERY	2431

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/JEREMIAH AVERY/ Primary Examiner.Art Unit 2431	11/16/2017	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	3
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	Application/Control No.	Applicant(s)/Patent Under Reexamination
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	Examiner	Art Unit
	JEREMIAH AVERY	2431

	Claims re	numbere	d in the s	ame orde	r as prese	ented by a	applicant		СР	A 🗵	] T.D.	🔲 R.1.47			
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Part of Paper No. : 20171020

NEIFELD REF: SCOT0016-7 CLIENT REF: SCOT0016-7 Application/Patent No: 15/607,820 USPTO CONF. NO: 9854 File/Issue Date: 5-30-2017 Inventor: MOSKOWITZ, Scott Title: SECURE PERSONAL CONTENT SERVER Examiner/ArtUnit: AVERY, Jeremiah L. ENTITY STATUS: LARGE Priority claims and PCT Intl data: This application is a Continuation of 14/869,279 filed 09-29-2015 9,710,669 14/869,279 is a continuation of 14/256,315 filed 04-18-2014 9,231,980 14/256,315 is a continuation of 13/796,538 filed 03-12-2013 8,789,201 13/796,538 is a continuation of 13/413,691 filed 03-07-2012 8,739,295 13/413.691 is a continuation of 12/287,443 filed 10-09-2008 8.171,561 12/287,443 is a continuation of 10/049,101 filed 07-23-2002 7,475,246 10/049,101 is a National Stage Entry of PCT/US2000/021189 filed 08-04-2000 Claims Priority from Provisional Application 60/213,489 filed 06-23-2000 Claims Priority from Provisional Application 60/147,134 filed 08-04-1999

# 37 CFR 1.97 INFORMATION DISCLOSURE STATEMENT

This application is:

- _____ within 3 months of the US or 371 national stage filing date;
- _____ before first action on the merits (no fee required);
- XXX after first action on the merits and before final action (1.17(P) fee required);
- _____ after final action;
- _____ after notice of allowance and before payment of the issue fee; or
- _____ after payment of the issue fee.

XXX The applicant is paying herewith the fee for obtaining consideration of an IDS filed after a first action on the merits.

# IDENTIFICATION OF REFERENCES CITED IN APPLICATIONS TO WHICH <u>15/607,820</u> CLAIMS CONTINUING STATUS

# **REGARDING CITED REFERENCES**

This IDS is an attempt to compile all references previously cited in Scott Moskowitz's cases. Upon compilation, some of the reference citations were vague, and some were to filed patent applications instead of published documents. This IDS attempts to account for each item to provide all citations to the examiner.

References previously submitted and considered by the examiner in parent application 14/869,279 (SCOT0016-6) are identified by placement of the application number and date the reference was considered in the far right column.

Page 3 of 13

# CITED US PATENTS AND US PATENT APPLICATION PUBLICATIONS

Most pending Scott Moskowitz cases claim 35 USC 120 priority to prior cases containing a large number of cited US patents and published US applications. The citations list herein should incorporate all of those documents and may incorporate any additional documents found in other patent applications in patent families not linked by 35 USC 120 to this application. Since no US patent or US published applications need to be filed in order for the examiner to consider citations thereto; the applicant may attempt to correlate the US patents and publications cited herein to those already of record due to citations in applications to which this application claims priority, if the examiner so requests.

# FOREIGN PATENT REFERENCES

The IDS cites foreign patent references identified herewith as F001- F029.

The table below identifies F references cited and considered in this application or an application to which this application claims 35 USC 120 priority.

DOCKET NO	APPLICATION NUMBER	DATE CONSIDERED	CITED F REFERENC ES
SCOT0016-6	14/869,279	6-16-2016	F01-F029

Accordingly, the following F references are not yet of record and are submitted herewith: N/A

# NON PATENT LITERATURE REFERENCES

The IDS cites non patent literature references identified herewith as L001- L264. The table below identifies L references cited and considered in this application or in an application to which this application claims 35 USC 120 priority.

DOCKET NO	APPLICATION NUMBER	DATE CONSIDERED	CITED L REFERENC ES
SCOT0016-6	14/869,279	6-16-2016	L001-L260
	L reference citations of patent applications as filed for which a subsequent publication of the application is identified and cited herein.		

Page 4 of 13

L reference citation numbers that have no associated citation; original citation was a duplicate of some other citation.		
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References previously cited, applications for which a subsequent publication is cited, and reference numbers having no associated reference:

Accordingly, the following L references are not yet of record and are submitted herewith: L261-L264

MASTER LIST OF RELATED CASES IN WHICH THE SAME INFORMATION MAY BE	
CITED	

DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0010-1	08/677,435	7/2/1996	1/8/2016 JRE
SCOT0010-2	09/281,279	3/30/1999	1/8/2016 JRE
SCOT0010-3	09/789,711	2/22/2001	1/8/2016 JRE
SCOT0010-4	11/599,838	11/15/2006	10/15/2010 JRE
SCOT0010-5	11/899,662	9/7/2007	10/15/2010 JRE
SCOT0010-6	10/369,344	2/18/2003	08/1/2011 JRE
SCOT0010-7	11/482,654	7/7/2006	08/1/2011 JRE
SCOT0010-8	12/215,812	6/30/2008	10/15/2010 JRE
SCOT0010-10	12/901,568	10/10/2010	11/4/2010 JRE
SCOT0010-11	11/497,822	8/2/2006	08/1/2011 JRE
SCOT0010-12	12/217,834	7/9/2008	11/8/2010 JRE
SCOT0010-13	11/897,790	8/31/2007	08/1/2011 JRE
SCOT0010-14	12/462,799	8/10/2009	12/15/2010 JRE
SCOT0010-16	11/899,661	9/7/2007	08/1/2011 JRE
SCOT0010-17	12/590,681	11/19/2009	12/15/2010 JRE

#### Page 5 of 13

DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0010-18	11/897,791	8/31/2007	08/1/2011 JRE
SCOT0010-19	12/590,553	11/10/2009	08/1/2011 JRE
SCOT0010-20	12/592,331	11/23/2009	08/1/2011 JRE
SCOT0010-21	11/599,964	11/15/2006	08/1/2011 JRE
SCOT0010-22	13/212,264	8/18/2011	1/11/2012 JRE
SCOT0011-1	08/674,726	7/2/1996	08/1/2011 JRE
SCOT0011-2	09/545,589	4/7/2000	1/11/2012 JRE
SCOT0011-3	11/244,213	10/5/2005	1/11/2012 JRE
SCOT0011-4	12/009,914	1/23/2008	10/15/2010 JRE
SCOT0011-5	12/005,230	12/26/2007	10/15/2010 JRE
SCOT0011-6	12/803,168	6/21/2010	10/15/2010 JRE
SCOT0011-7	11/649,026	1/3/2007	08/1/2011 JRE
SCOT0011-8	12/803,194	06/21/2010	10/15/2010 JRE
SCOT0011-9	12/892,900	9/28/2010	11/8/2010 JRE
SCOT0011-X1	08/365,454	1/28/1994	1/8/2016 JRE
SCOT0012-1	08/489,172	6/7/1995	08/1/2011 JRE
SCOT0012-2	08/775,216	12/31/1996	01/11/2011 JRE
SCOT0012-3	08/999,766	7/23/1997	10/15/2010 JRE
SCOT0012-4	11/894,476	8/21/2007	10/15/2010 JRE
SCOT0012-5	11/050,779	2/7/2005	10/15/2010 JRE
SCOT0012-6	12/802,519	6/8/2010	11/4/2010 JRE
SCOT0012-7	12/383,916	3/30/2009	10/15/2010 JRE
SCOT0012-8	11/894,443	8/21/2007	10/15/2010 JRE
SCOT0012-9	12/913,751	10/27/2010	11/8/2010 JRE
SCOT0012-10	13/803,889	3/14/2013	4/16/2013 JRE
SCOT0013-1	08/587,943	1/17/1996	1/11/2012 JRE
SCOT0014-1	09/046,627	3/24/1998	1/11/2012 JRE
SCOT0014-2	10/602,777	6/25/2003	08/1/2011 JRE
SCOT0014-3 redocketed as SCOT0020-2	11/512,701	8/29/2006	10/15/2010 JRE

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0014-4	11/895,388	8/24/2007	10/15/2010 JRE
SCOT0014-5	12/655,002	12/22/2009	08/1/2011 JRE
SCOT0014-6	13/556,420	7/24/2012	9/17/2012 JRE
SCOT0014-7	13/794,584	3/12/2013	4/16/2013 JRE
SCOT0014-8	14/542,712	11/17/2014	1/8/2016 JRE
SCOT0014-9	14/855,281	9/15/2015	1/8/2016 JRE
SCOT0015-1	09/731,039	12/7/2000	1/11/2012 JRE
SCOT0015-2	11/647/861	12/29/2006	1/11/2012 JRE
SCOT0015-3	12/383,879	3/30/2009	10/15/2010 JRE
SCOT0015-4	12/886,732	9/21/2010	10/15/2010 JRE
SCOT0015-5	13/572,641	8/11/2012	10/11/2012 JRE
SCOT0015-6	13/794,742	3/12/2013	4/16/2013 JRE
SCOT0015-7	14/271,559	5/7/2014	1/8/2016 JRE
SCOT0015-8	14/986,354	12/31/2015	1/8/2016 JRE
SCOT0016-P1	60/213,489	9/29/2015	1/8/2016 JRE
SCOT0016-P2	60/147/134	8/4/1999	1/8/2016 JRE
SCOT0016-1	10/049,101	7/23/2002	1/11/2012 JRE
SCOT0016-2	12/287,443	10/9/2008	10/15/2010 JRE
SCOT0016-3	13/413,691	3/7/2012	8/30/2012 JRE
SCOT0016-4	13/796,538	3/12/2013	4/16/2013 JRE
SCOT0016-5	14/256,315	4/18/2014	7/21/2015 JRE
SCOT0016-6	14/869,279	9/29/2015	1/8/2016 JRE
SCOT0016-7	15/607,820	5/30/2017	6/13/2017 JRE
SCOT0017-1	09/657,181	9/7/2000	1/11/2012 JRE
SCOT0017-2	12/005,229	12/26/2007	1/11/2012 JRE
SCOT0017-3	12/655,357	12/22/2009	10/15/2010 JRE
SCOT0017-4	13/035,964	2/26/2011	08/1/2011 JRE
SCOT0017-5	13/487,119	6/1/2012	4/16/2013 JRE
SCOT0017-6	13/802,384	3/13/2013	4/16/2013 JRE
SCOT0017-7	14/094,987	12/3/2013	1/6/2016 JRE

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0017-8	14/727,944	6/2/2015	1/8/2016 JRE
SCOT0018-P1	60/372,788	4/17/2002	1/8/2016 JRE
SCOT0018-1	10/417/231	4/17/2003	01/11/2011 JRE
SCOT0018-2	11/900,065	9/10/2007	10/15/2010 JRE
SCOT0018-3	11/900,066	9/10/2007	1/11/2012 JRE
SCOT0018-4	12/383,289	3/23/2009	08/1/2011 JRE
SCOT0018-5	13/273,930	10/14/2011	1/11/2012 JRE
SCOT0018-6	13/551,097	7/17/2012	4/16/2013 JRE
SCOT0018-7	13/488,357	6/4/2012	9/9/2012 JRE
SCOT0018-8	13/488,395	6/4/2012	9/9/2012 JRE
SCOT0018-9	13/970,574	8/19/2013	1/6/2016 JRE
SCOT0019-1	09/053,628	4/2/1998	1/11/2012 JRE
SCOT0019-2	09/644,098	8/23/2000	1/11/2012 JRE
SCOT0019-3	11/358,874	2/21/2006	1/11/2012 JRE
SCOT0019-4	12/799,894	5/4/2010	12/13/2010 JRE
SCOT0019-5	13/937,106	7/8/2013	1/8/2016 JRE
SCOT0019-6	14/258,171	4/22/2014	1/8/2016 JRE
SCOT0019-7	14/258,237	4/22/2014	1/8/2016 JRE
SCOT0019-8	14/258,118	4/22/2014	1/8/2016 JRE
SCOT0020-PR1	60/234,199	9/20/2000	1/8/2016 JRE
SCOT0020-PR2	60/169,274	12/7/1999	1/8/2016 JRE
SCOT0020-1	09/731,040	12/7/2000	1/11/2012 JRE
SCOT0020-2	11/512,701	8/29/2006	08/1/2011 JRE
SCOT0020-3	13/826,858	3/14/2013	4/16/2013 JRE
SCOT0020-4	13/797,744	3/12/2013	4/16/2013 JRE
SCOT0020-5	14/666,754	3/24/2015	5/7/2015 JRE
SCOT0021-PR	60/125,990	3/24/1999	1/8/2016 JRE
SCOT0022-1	09/594,719	6/16/2000	4/16/2013 JRE
SCOT0022-2	11/519,467	9/12/2006	4/16/2013 JRE
SCOT0022-3	12/655,036	12/22/2009	08/1/2011 JRE

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DOCKET REFERENCE	APPLICATION	FILING DATE	DATE CASE ADDED TO THIS MASTER LIST OF RELATED CASES
SCOT0022-4	13/423,650	3/19/2012	7/26/2012 JRE
SCOT0022-5	13/802,471	3/13/2013	4/16/2013 JRE
SCOT0022-6	14/271,382	5/6/2014	1/8/2016 JRE
SCOT0023-1	08/772,222	12/20/1996	4/16/2013 JRE
SCOT0023-2	09/456,319	12/8/1999	4/16/2013 JRE
SCOT0023-3	11/826,234	12/30/2004	4/16/2013 JRE
SCOT0023-4	11/592,879	11/2/2006	4/16/2013 JRE
SCOT0023-5	12/798,959	4/14/2010	08/1/2011 JRE
SCOT0024-PR	60/234,199	9/20/2000	1/8/2016 JRE
SCOT0024-1	09/956,262	9/20/2001	1/8/2016 JRE
SCOT0024-2	11/518,806	9/11/2006	08/1/2011 JRE
SCOT0024-3	13/429,396	3/25/2012	7/26/2012 JRE
SCOT0025-1	61/794,141	3/15/2013	4/16/2013JRE
SCOT0025-2	61/952,823	3/13/2014	1/8/2016 JRE
SCOT0025-3	61/953,684	3/14/2014	1/8/2016 JRE
SCOT0017-8	14/727,944	6/2/2015	2/21/2017 JRE

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L.A/

Date of Document Citing Reference	Atty Ref	Application Number	ID of paper in which references were cited	References checked to see if they existed in the master IDS (initials of person checking)	Reference Identifiers of New references in document, now added to master IDS
9/14/10	SCOT0 012-7	12/383,916	892	JRE	U#299
11/17/10	ALL	N/A	Review of draft master IDS, correction to cite publications in lieu of filed applications, per RAN instructions.	JRE	P76-P82
12/9/10	SCOT0 018-2	11/900,065	892	JRE	U303 & P83
11/30/10	SCOT0 019-4	12/799,894	892	JRE	U304
11/21/11	SCOT0 016-2	12/287,443	892	JRE	U305, U306 & U307
1/12/12	SCOT0 011-8	12/803,194	892	JRE	U308
1/12/12	SCOT0 014-5	12/655,002	892	JRE	U309
1/12/12	SCOT0 017-4	13/035,964	892	JRE	U310-U316
1/12/12	SCOT0 018-2	11/900,065	892	JRE	P84-P85
3/7/12	SCOT0 018-2	11/900,065	892	JRE	P86 -P87 & U317
8/30/12	SCOT0 016-3	13/413,691	892	JRE	U318 & U319

# AS OF 1/12/2012, THE FOLLOWING TABLE COLLATES ADDITIONAL REFERENCES CITED IN ANY SCOT (SCOTT MOSKOWITZ) CASE

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9/17/12	SCOT0 014-6	13/556,420	Per RAN created CTS reminder	JRE	L212
11/26/12	SCOT0 017-4	13/035.964	Per RAN inst rec'vd 11/15/2012	JRE	U320 & L213-L217
4/16/13	SCOT0 017-4	13/035,964	Review of Patented case	JRE	U322-U326 & P88- P90
6/13/13	SCOT0 018-7	13/488,357	Per instructions received from RAN	JRE	U329-332 L218-L223
6/28/13	SCOT0 014-6	13/556,420	Per instructions received from RAN	JRE	U0333
1/21/14			Per Instructions received from RAN on 1/7/2014	JRE	L229
2/6/14	SCOT0 017-6	13/802,384	Per instructions received from RAN on 1/30/2014	JRE	U335
4/7/14			Per Instructions received from RAN on 4/7/2014	JRE	L231-L232
5/15/14	SCOT0 020-3	13/826,858	892 issued 4/21/2014	JRE	U379-U384
8/18/14	SCOT0 020-3	13/826,858	892 issued 8/18/2014	JRE	U385-U388
9/12/14			Per Instructions received from RAN 9/12/2014	JRE	U389-393

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10/13/14			Per instructions received from RAN on 10/10/2014	JRE	U394-U398 and P98
10/17/14			Per instructions received from BTM 10/17/2014	JRE	L233-L234
10/17/14			Per instructions received from RAN (client sent references)	JRE	L235-L236
11/6/14	SCOT0 016-5	14/256,315	892	JRE	L237-L238
12/5/14	SCOT0 020-4	13/797,774	892	JRE	U399-U400
12/10/14	SCOT0 017-7	14/094,987	892	JRE	U401
12/22/14			Per BTM instructions	JRE	L239-L255
1/7/15			Per RAN instructions	JRE	U-402
2/9/15			Per RAN instructions	JRE	U-403
2/26/15	SCOT0 014-8	14/542,712	892	JRE	U404- U406
3/12/15	SCOT0 014-4	11/895,388	Appeal Decision	JRE	L256
3/27/15	SCOT0 019-7	14/258,237	892	JRE	U40 <b>7</b>
5/6/15	SCOT0 016-5	14/256,315	892/FOA	JRE	U408-U410
7/21/15	SCOT0 016-5	14/256,315	NOA	JRE	L257-L259

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L.A/

8/12/15		Instructions rec'vd from RAN 8/6/15	JRE	U411-U433
9/10/201 5		Instructions rec'vd from RAN 9/9/2015	JRE	L-260
5/11/201 7		Instructions rec'vd from BTM	JRE	L-262
6/13/201 7		892 issued for SCOT0016-7	JRE	P099

NOTE: MPEP 609.02 Information Disclosure Statements in Continued Examinations or Continuing Applications [R-5] states in part that:

"2. Continuation Applications , Divisional Applications, or Continuation-In-Part Applications Filed Under 37 CFR 1.53(b)

The examiner will consider information which has been considered by the Office in a parent application when examining: (A) a continuation application filed under 37 CFR 1.53(b), (B) a divisional application filed under 37 CFR 1.53(b), or (C) a continuation-in-part application filed under 37 CFR 1.53(b). A listing of the information need not be resubmitted in the continuing application unless the applicant desires the information to be printed on the patent"

See

http://mpep.uspto.gov/RDMS/detail/manual/MPEP/e8r9/d0e18.xml#/manual/MPEP/e8r9/d0e532 50.xml (8/2012)

Accordingly, we are submitting only references not cited in the parent application.

Please consider the references cited herein.

Date signed: 10-3-2017

Signature: /Richard Neifeld/ Printed Name: RICHARD NEIFELD Attorney of Record

JRE/RAN Printed: October 3, 2017 (3:36pm) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\IDS_15607820_SCOT0016-7_9-22-2017.wpd

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LISTING OF UNITED STATES PATENTS - U series

EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 01	3947825	March 1976	Cassada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 02	3984624	October 1976	Waggener	12/869,279 (SCOT0016-6) / 12-9-2015
	U 03	3986624	October 1976	Cates, Jr. et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 04	4038596	July 1977	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 05	4200770	April 1980	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 06	4218582	August 1980	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 07	4339134	July 1982	Macheel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 08	4390898	June 1983	Bond et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 09	4405829	September 1983	Rivest et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 010	4424414	January 1984	Hellman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 011	4528588	July 1985	Lofberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 012	4672605	June 1987	Hustig et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 013	4748668	May 1988	Shamir et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 014	4789928	December 1988	Fujisaki	12/869,279 (SCOT0016-6) / 12-9-2015
	U 015	4827508	May 1989	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 016	4876617	October 1989	Best et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 017	4896275	January 1990	Jackson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 018	4908873	March 1990	Philibert et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 019	4939515	July 1990	Adelson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 020	4969204	November 1990	Melnychuk et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 021	4972471	November 1990	Gross et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 022	4977594	December 1990	Shear	12/869,279 (SCOT0016-6) / 12-9-2015

DATE: 11/16/2017 EXAMINER'S SIGNATURE:

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EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 023	4979210	December 1990	Nagata et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 024	4980782	December 1990	Ginkel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 025	5050213	September 1991	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 026	5073925	December 1991	Nagata et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 027	5077665	December 1991	Silverman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 028	5113437	May 1992	Best et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 029	5136581	August 1992	Muehrcke	12/869,279 (SCOT0016-6) / 12-9-2015
	U 030	5136646	August 1992	Haber et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 031	5136647	August 1992	Haber et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 032	5142576	August 1992	Nadan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 033	5161210	November 1992	Druyvesteyn et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 034	5210820	May 1993	Kenyon	12/869,279 (SCOT0016-6) / 12-9-2015
	U 035	5243423	September 1993	DeJean et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 036	5243515	September 1993	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 037	5287407	February 1994	Holmes	12/869,279 (SCOT0016-6) / 12-9-2015
	U 038	5319735	June 1994	Preuss et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 039	5341429	August 1994	Stringer et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 040	5341477	August 1994	Pitkin et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 041	5363448	November 1994	Koopman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 042	5365586	November 1994	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 043	5369707	November 1994	Follendore, III	12/869,279 (SCOT0016-6) / 12-9-2015
	U 044	5379345	January 1995	Greenberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 045	5394324	February 1995	Clearwater	12/869,279 (SCOT0016-6) / 12-9-2015

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EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 046	5398285	March 1995	Borgelt et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 047	5406627	April 1995	Thompson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 048	5408505	April 1995	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 049	5410598	April 1995	Shear	12/869,279 (SCOT0016-6) / 12-9-2015
	U 050	5412718	May 1995	Narasimhalv et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 051	5418713	May 1995	Allen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 052	5428606	June 1995	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 053	5450490	September 1995	Jensen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 054	5469536	November 1995	Blank	12/869,279 (SCOT0016-6) / 12-9-2015
	U 055	5471533	November 1995	Wang et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 056	5478990	December 1995	Montanari et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 057	5479210	December 1995	Cawley et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 058	5487168	January 1996	Geiner et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 059	5493677	February 1996	Balogh et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 060	5497419	March 1996	Hill	12/869,279 (SCOT0016-6) / 12-9-2015
	U 061	5506795	April 1996	Yamakawa	12/869,279 (SCOT0016-6) / 12-9-2015
	U 062	5513126	April 1996	Harkins et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 063	5513261	April 1996	Maher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 064	5530739	June 1996	Okada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 065	5530751	June 1996	Morris	12/869,279 (SCOT0016-6) / 12-9-2015
	U 066	5530759	June 1996	Braudaway et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 067	5539735	July 1996	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 068	5548579	August 1996	Lebrun et al.	12/869,279 (SCOT0016-6) / 12-9-2015

DATE: 11/16/2017	EXAMINER'S SIGNATURE:	/JEREMIAH L AVERY/	
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L.A/

EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 069	5568570	October 1996	Rabbani	12/869,279 (SCOT0016-6) / 12-9-2015
	U 070	5579124	November 1996	Aijala et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 071	5581703	December 1996	Baugher et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 072	5583488	December 1996	Sala et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 073	5598470	January 1997	Cooper et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 074	5606609	February 1997	Houser et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 075	5613004	March 1997	Cooperman et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 076	5617119	April 1997	Briggs et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 077	5625690	April 1997	Michel et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 078	5629980	May 1997	Stefik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 079	5633932	May 1997	Davis et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 080	5634040	May 1997	Her et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 081	5636276	June 1997	Brugger	12/869,279 (SCOT0016-6) / 12-9-2015
	U 082	5636292	June 1997	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 083	5640569	June 1997	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 084	5646997	July 1997	Barton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 085	5657461	August 1997	Harkins et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 086	5659726	August 1997	Sandford, II et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 087	5664018	September 1997	Leighton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 088	5673316	September 1997	Auerbach et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 089	5677952	October 1997	Blakely et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 090	5680462	October 1997	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 091	5687236	November 1997	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 092	5689587	November 1997	Bender et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 093	5696828	December 1997	Koopman, Jr.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 094	5719937	February 1998	Warren et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 095	5721788	February 1998	Powell et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 096	5734752	March 1998	Knox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 097	5737416	April 1998	Cooper et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 098	5737733	April 1998	Eller	12/869,279 (SCOT0016-6) / 12-9-2015
	U 099	5740244	April 1998	Indeck et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0100	5745569	April 1998	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0101	5748783	May 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0102	5751811	May 1998	Magnotti et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0103	5754697	May 1998	Fu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0104	5757923	May 1998	Koopman, Jr.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0105	5765152	June 1998	Erickson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0106	5768396	June 1998	Sone	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0107	5774452	June 1998	Wolosewicz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0108	5790677	August 1998	Fox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0109	5799083	August 1998	Brothers et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0110	5809139	September 1998	Grirod et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0111	5809160	September 1998	Powell et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0112	5822432	October 1998	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0113	5828325	October 1998	Wolosewicz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0114	5832119	November 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0115	5848155	December 1998	Cox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0116	5850481	December 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0117	5859920	January 1999	Daly et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0118	5860099	January 1999	Milios et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0119	5862260	January 1999	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0120	5870474	February 1999	Wasilewski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0121	5884033	March 1999	Duvall et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0122	5889868	March 1999	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0123	5893067	April 1999	Bender et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0124	5894521	April 1999	Conley	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0125	5903721	May 1999	Sixtus	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0126	5905800	May 1999	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0127	5905975	May 1999	Ausubel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0128	5912972	June 1999	Barton	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0129	5915027	June 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0130	5917915	June 1999	Hirose	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0131	5918223	June 1999	Blum	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0132	5920900	July 1999	Poole et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0133	5923763	July 1999	Walker et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0134	5930369	July 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0135	5930377	July 1999	Powell et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0136	5940134	August 1999	Wirtz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0137	5943422	August 1999	Van Wie et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0138	5963909	October 1999	Warren et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0139	5973731	October 1999	Schwab	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0140	5974141	October 1999	Saito	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0141	5991426	November 1999	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0142	5999217	December 1999	Berners-Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0143	6009176	December 1999	Gennaro et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0144	6029126	February 2000	Malvar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0145	6041316	March 2000	Allen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0146	6044471	March 2000	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0147	6049838	April 2000	Miller et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0148	6051029	April 2000	Paterson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0149	6061793	May 2000	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0150	6069914	May 2000	Cox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0151	6078664	June 2000	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0152	6081251	June 2000	Sakai et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0153	6081587	June 2000	Reyes et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0154	6088455	July 2000	Logan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0155	6131162	October 2000	Yoshiura et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0156	6141753	October 2000	Zhao et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0157	6141754	October 2000	Choy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0158	6154571	November 2000	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0159	6192138	February 2001	Yamadaji	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0160	6199058	March 2001	Wong et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0161	6205249	March 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0162	6208745	March 2001	Florenio et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0163	6230268	May 2001	Miwa et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0164	6233347	May 2001	Chen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0165	6233684	May 2001	Stefik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0166	6240121	May 2001	Senoh	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0167	6263313	July 2001	Milstead et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0168	6272634	August 2001	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0169	6275988	August 2001	Nagashima et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0170	6278780	August 2001	Shimada	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0171	6278791	August 2001	Honsinger et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0172	6282300	August 2001	Bloom et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0173	6282650	August 2001	Davis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0174	6285775	September 2001	Wu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0175	6301663	October 2001	Kato et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0176	6310962	October 2001	Chung et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0177	6330335	December 2001	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0178	6330672	December 2001	Shur	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0179	6345100	February 2002	Levine	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0180	6351765	February 2002	Pietropaolo et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0181	6363483	March 2002	Keshav	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0182	6373892	April 2002	Ichien et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0183	6373960	April 2002	Conover et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0184	6374036	April 2002	Ryan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0185	6377625	April 2002	Kim	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0186	6381618	April 2002	Jones et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0187	6381747	April 2002	Wonfor et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0188	6385329	May 2002	Sharma et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0189	6389538	May 2002	Gruse et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0190	6405203	June 2002	Collart	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0191	6415041	July 2002	Oami et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0192	6425081	July 2002	Iwamura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0193	6430301	August 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0194	6430302	August 2002	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0195	6442283	August 2002	Tewfik et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0196	6446211	September 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0197	6453252	September 2002	Laroche	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0198	6457058	September 2002	Ullum et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0199	6463468	October 2002	Buch et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0200	6484264	November 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0201	6493457	December 2002	Quackenbush	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0202	6502195	December 2002	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0203	6522767	February 2003	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0204	6522769	February 2003	Rhoads et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0205	6523113	February 2003	Wehrenberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0206	6530021	March 2003	Epstein et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0207	6532284	March 2003	Walker et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0208	6539475	March 2003	Cox et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0209	6557103	April 2003	Boncelet, Jr. et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0210	6584125	June 2003	Katto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0211	6587837	July 2003	Spagna et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0212	6598162	July 2003	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0213	6606393	August 2003	Xie et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0214	6647424	November 2003	Pearson et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0215	6658010	December 2003	Enns et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0216	6665489	December 2003	Collart	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0217	6668246	December 2003	Yeung et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0218	6668325	December 2003	Collberg et al	. 12/869,279 (SCOT0016-6) / 12-9-2015
	U 0219	6687683	February 2004	Harada et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0220	6725372	April 2004	Lewis et al	. 12/869,279 (SCOT0016-6) / 12-9-2015
	U 0221	6754822	June 2004	Zhao	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0222	6775772	August 2004	Binding et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0223	6784354	August 2004	Lu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0224	6785815	August 2004	Serret-Avila et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0225	6785825	August 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0226	6792548	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0227	6792549	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0228	6795925	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0229	6799277	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0230	6813717	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0231	6813718	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0232	6823455	November 2004	Macy et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0233	6834308	December 2004	Ikezoye et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0234	6842862	January 2005	Chow et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0235	6853726	February 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0236	6857078	February 2005	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0237	6931534	August 2005	Jandel et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0238	6966002	November 2005	Torrubia-Saez	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0239	6983337	November 2005	Wold	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0240	6977894	December 2005	Achilles et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0241	6978370	December 2005	Kocher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0242	6986063	January 2006	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0243	7007166	February 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0244	7020285	March 2006	Kirovski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0245	7035409	April 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0246	7043050	May 2006	Yuval	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0247	7046808	May 2006	Metois et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0248	7050396	May 2006	Cohen et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0249	7051208	May 2006	Venkatesan et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0250	7058570	June 2006	Yu et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0251	7093295	August 2006	Saito	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0252	7095874	August 2006	Moskowitz et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0253	7103184	September 2006	Jian	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0254	7107451	September 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0255	7123718	October 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0256	7127615	October 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0257	7150003	December 2006	Naumovich et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0258	7152162	December 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0259	7159116	January 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0260	7162642	January 2007	Schumann et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0261	7177429	February 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0262	7177430	February 2007	Kim	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0263	7206649	April 2007	Kirovski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0264	7231524	June 2007	Bums	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0265	7233669.	June 2007	Candelore	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0266	7240210	July 2007	Michak et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0267	7266697	September 2007	Kirovski et al	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0268	7287275	October 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0269	7289643	October 2007	Brunk et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0270	7343492	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015

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EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	U 0271	7346472	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0272	7362775	April 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0273	7363278	April 2008	Schmelzer et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0274	7409073	August 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0275	7457962	November 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0276	7460994	December 2008	Herre et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0277	7475246	January 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0278	7530102	May 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0279	7532725	May 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0280	7568100	July 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0281	7647502	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0282	7647503	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0283	7779261	August 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0284	6990453	January 2006	Wang	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0285	6081597	June 2000	Hoffstein	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0286	7035049	Apr 2006	Yamamoto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0287	7664263	Feb 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0288	7286451	Oct 2007	Wirtz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0289	6385324	May 2002	Koppen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0290	6674858	Jan 2004	Kimura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0291	6148333	Nov 2000	Guedalia	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0292	6418421	Jun 2002	Hurtado	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0293	6385596	May 2002	Wiser	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0294	6226618	May 2001	Downs	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0295	6957330	Oct 2005	Hughes	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0296	5842213	Nov 1998	Odom	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0297	5818818	Oct 1998	Soumiya	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0298	6590996	Jun 2003	Reed	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0299	5949055	Sept 1999	Fleet	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0300	6067622	May 2000	Moore	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0301	7761712	Jun 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0302	7743001	Jun 2010	Vermeulen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0303	6865747	Mar 2005	Mercier	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0304	6611599	Aug 2003	Natarajan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0305	6480937	Nov 2002	Vorbach	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0306	6398245	Jun 2002	Gruse	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0307	6950941	Sept 2005	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0308	6983058	Jan 2006	Fukuoka	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0309	5675653	Oct 1997	Nelson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0310	6804453	Oct 2004	Sasamoto	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0311	6178405	Jan 2001	Ouyang	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0312	5839100	Nov 1998	Wegener	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0313	5781184	Jul 1998	Wasserman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0314	5617506	Apr 1997	Burk	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0315	5327520	Jul 1994	Chen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0316	5111530	May 1992	Kutaragi	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0317	7095715	Aug 2006	Buckman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0318	6173322	Jan 2001	Hu	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0319	5754938	May 1998	Herz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0320	6035398	Mar 2000	Bjorn	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0321	5901178	May 1999	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0322	8214175	July 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0323	8265278	Sept 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0324	8161286	Nov 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0325	8307213	Jan 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0326	8121343	May 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0327	5437050	Jul 1995	Lamb	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0328	5123045	Jun 1992	Ostrovsky	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0329	7310815	Dec 2007	Yanovsky	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0330	8179846	May 2012	Dolganow	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0331	7719966	May 2010	Luft	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0332	7630379	Dec 2009	Morishita	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0333	5949973	Sept 1999	Yarom	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0334	8400566	Mar. 2013	Тегту	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0335	5649284	July 1997	Yoshinobu	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0336	7444506	Oct 2008	Datta	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0337	6480963	Oct 2002	Tachibana	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0338	6510513	Jan 2003	Darrow	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0339	5189411	Feb 1993	Collar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0340	5293633	Mar 1994	Robbins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0341	4633462	Dec 1986	Stifle	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0342	5103461	Mar 1992	Cain	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0343	6272535	Aug 2001	Iwamura	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0344	6029195	Feb 2000	Herz	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0345	8095949	Jan 2012	Hendricks	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0346	5297032	Mar 1994	Trojan	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0347	5644727	Jul 1997	Atkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0348	5721781	Feb 1998	Deo	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0349	5822436	Oct 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0350	5845266	Dec 1998	Lupien	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0351	5864827	Jan 1999	Wilson	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0352	5875437	Feb 1999	Atkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0353	5892900	Apr 1999	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0354	6108722	Aug 2000	Troeller	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0355	6029146	Feb 2000	Hawkins	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0356	6032957	Mar 2000	Kiyosaki	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0357	6134535	Oct 2000	Belzberg	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0358	6185683	Feb 2001	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0359	6233566	May 2001	Levine	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0360	6253193	Jun 2001	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0361	6272474	Aug 2001	Garcia	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0362	6317728	Nov 2001	Kane	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0363	6363488	Mar 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0364	6389402	May 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0365	6427140	Jul 2002	Ginter	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0366	6484153	Nov 2002	Walker	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0367	6556976	Aug 1987	Callen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0368	6574608	Jun 2003	Dahod	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0369	6601044	Jul 2003	Wallman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0370	6594643	Jul 2003	Freeny	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0371	6618188	Sep 2003	Haga	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0372	6778968	Aug 2004	Gulati	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0373	6839686	Jan 2005	Galant	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0374	6856867	Feb 2005	Woolston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0375	6876982	Apr 2005	Lancaster	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0376	7003480	Feb 2006	Fox	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0377	5822436	Oct 1998	Rhoads	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0378	6324649	Nov 2001	Eyres	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0379	5375055	Dec 1994	Togher	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0380	6018722	Jan 2000	Ray	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0381	6138239	Oct 2000	Veil	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0382	6484153	Nov 2002	Walker	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0383	6615188	Aug 2004	Breen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0384	6856967	Jan 2005	Woolston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0385	5790783	Aug 1998	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0386	6650761	Nov 2003	Rodriguez	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0387	6735702	May 2004	Yavatkar	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0388	6792424	Sept 2004	Burns	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0389	4790564	Dec 1988	Larcher	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0390	6111517	Aug 2000	Atick	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0391	5164992	Nov 1992	Turk	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0392	6674877	Jan 2004	Jojie	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0393	5291560	Mar 1994	Daugman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0394	8492633	Jul 2013	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0395	7672838	Mar 2010	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0396	7254538	Aug 2007	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0397	7812241	Oct 2010	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0398	7672916	Mar 2010	Poliner	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0399	5991431	Nov 1999	Borza	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0400	4529870	Jul 1985	Chaum	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0401	6704451	Mar 2004	Hekstra	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0402	6532298	Mar 2003	Cambier	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0403	8949619	Feb 2015	Parry	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0404	4855584	Aug 1989	Tomiyama	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0405	4749354	Jun 1988	Kerman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0406	5570339	Oct 1996	Nagano	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0407	6128735	Oct 2000	Goldstein	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0408	7672317	Mar 2010	Gateva	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0409	6389403	May 2002	Dorak	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0410	7233948	Jun 2007	Shamoon	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0411	8428185	Apr 2013	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0412	8095794	Jan 2012	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0413	8041038	Oct 2011	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0414	7802101	Sept 2010	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0415	7725808	May 2010	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0416	7529941	May 2009	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0417	7492902	Feb 2009	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0418	7451319	Nov 2008	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0419	7353447	Nov 2008	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0420	7146503	Dec 2006	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0421	7131007	Oct 2006	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0422	7076426	Jul 2006	Buetnagel	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0423	7042933	May 2006	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0424	6885749	Apr 2005	Chang	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0425	6850559	Feb 2005	Driessen	12/869,279 (SCOT0016-6) / 12-9-2015

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	U 0426	6760443	Jul 2004	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0427	6718507	Apr 2004	Johnston	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0428	6704576	May 2004	Brachman	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0429	6493457	Dec 2002	Quackenbush	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0430	6341165	Jan 2002	Gbur	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0431	6266419	Jul 2001	Lacy	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0432	5825976	Oct 1998	Dorward	12/869,279 (SCOT0016-6) / 12-9-2015
	U 0433	5463641	Oct 1995	Dorward	12/869,279 (SCOT0016-6) / 12-9-2015
	U 434	6345389	Feb 2002	Dureau	
	U 435	7028327	Apr 2006	Dougherty	
	U 436	7725720	May 2010	Moreillon	
	U 437	6154172	Nov 2000	Piccionelli	
	U 438	6233736	May 2001	Wolzien	
	U 439	7020888	Mar 2006	Reynolds	
	U 440	7028327	Apr 2006	Dougherty	
	U 441	7055169	May 2006	Delpuch	
	U 442	7421729	Sept 2008	Zenoni	
	U 443	7950033	May 2011	Pierre	
	U 444	7996861	Aug 2011	Delpuch	
	U 445	7251825	Jul 2007	Collet	
	U 446	7725740	May 2010	Kudelski	
	U 447	8356188	Jan 2013	Kudelski	
	U 448	RE40334	May 2008	Maillard	

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 01	20010010078	July 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 02	20010043594	November 2001	Ogawa et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 03	20020010684	January 2002	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 04	20020026343	February 2002	Duenke	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 05	20020056041	May 2002	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 06	20020071556	June 2002	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 07	20020073043	June 2002	Herman et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 08	20020097873	July 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 09	20020103883	August 2002	Haverstock et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 010	20020161741	October 2002	Wang et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 011	20030126445	July 2003	Wehrenberg	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 012	20030133702	July 2003	Collart	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 013	20030200439	October 2003	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 014	20030219143	November 2003	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 015	20040028222	February 2004	Sewell et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 016	20040037449	February 2004	Davis et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 017	20040049695	March 2004	Choi et al.	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 018	20040059918	March 2004	Xu	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 019	20040083369	April 2004	Erlingsson et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 020	20040086119	May 2004	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 021	20040093521	May 2004	Hamadeh et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 022	20040117628	June 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 023	20040117664	June 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 024	20040125983	July 2004	Reed et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 025	20040128514.	July 2004	Rhoads	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 026	20040225894	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 027	20040243540	December 2004	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 028	20050135615	June 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 029	20050160271	July 2005	Brundage et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 030	20050177727	August 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 031	20050246554	November 2005	Batson	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 032	20060005029	January 2006	Petrovic et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 033	20060013395	January 2006	Brundage et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 034	20060013451	January 2006	Haitsma	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 035	20060041753	February 2006	Haitsma	12/869,279 (SCOT0016-6) / 12-9- 2015

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37 CFR 1.98(a)(1)(i) APPLICATION & ATTORNEY DOCKET: 15607820 / SCOT0016-7

37 CFR 1.98(a)(1)(iii): THIS IS AN INFORMATION DISCLOSURE STATEMENT

EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 036	20060101269	May 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 037	20060140403	June 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 038	20060285722	December 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 039	20070011458	January 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 040	20070028113	February 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 041	20070064940	March 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 042	20070079131.	April 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 043	20070083467	April 2007	Lindahl et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 044	20070110240	May 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 045	20070113094	May 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 046	20070127717	June 2007	Herre et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 047	20070226506	September 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 048	20070253594	November 2007	Lu et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 049	20070294536.	December 2007	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 050	20070300072	December 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 051	20070300073	December 2007	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 052	20080005571	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015

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	P 053	20080005572	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 054	20080016365	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 055	20080022113	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 056	20080022114	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 057	20080028222	January 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 058	20080046742	February 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	Р 059	20080075277	March 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 060	20080109417	May 2008	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 061	20080133927	June 2008	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 062	20080151934	June 2008	Moskowitz et al.	12/869,279 (\$COT0016-6) / 12-9- 2015
	P 063	20090037740	February 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 064	20090089427	April 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 065	20090190754	July 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 066	20090210711	August 2009	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 067	20090220074	September 2009	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 068	20100002904	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 069	20100005308	January 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 070	20100098251	Apr 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 071	20100220861	Sept 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 072	20100202607	Aug 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 073	20020047873	June 2002	Petrovic	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 074	20020009208	Jan 2002	Alattar	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 075	20010029580	October 2001	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 076	20100182570	July 2010	Chota	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 077	20100077220	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 078	20100077219	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 079	20100064140	March 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 080	20100153734	June 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 081	20100106736	April 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 082	20060251291	November 2006	Rhoads	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 083	20030002862	January 2003	Rodriguez	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 084	20030005780	May 2003	Hansen	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 085	20020152179	Oct 2002	Racov	12/869,279 (SCOT0016-6) / 12-9- 2015

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EXAMINER INITIALS	REFERENC E NUMBER (P SERIES)	PUBLICATION NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
	P 086	20030027549	Feb 2003	Kiel	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 087	20020057651	May 2002	Roberts	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 088	20110069864	March 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 089	20100313033	Dec 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 090	20110019691	Jan 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 091	20030023852	Jan. 2003	Wold	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 092	20030033321	Feb 2003	Schrempp	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 093	20130145058	June 2013	Shuholm	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 094	20120057012	Mar. 2012	Sitrick	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 095	20110128445	Jun 2011	Carrieres	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 096	20020188570	Dec 2002	Holliman	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 097	20020069174	Jun 2002	Fox	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 098	20130226957	Feb 27 2013	Ellis	12/869,279 (SCOT0016-6) / 12-9- 2015
	P 099	20090319639	Dec 2009	Gao	

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LISTING OF FOREIGN AND INTERNATIONAL PATENT DOCUMENTS - F Series

EXAMINER INITIALS	REFERENCE NUMBER (F SERIES)	PUBLICATIO N NUMBER	PUBLICATIO N DATE	COUNTRY OR REGION	PAGE/LINE AND FIGURE/ELEM ENT OF RELEVANT MATERIAL	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF
	F 01-	EP0372601	Jun., 1990	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 02-	EP0565947	Oct., 1993	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 03-	EP0581317	Feb., 1994	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 04-	EP0649261	Apr., 1995	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 05-	EP0651554	May., 1995	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 06-	EP1354276	Dec., 2007	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 07-	NL 1005523	Sep., 1998	NL		12/869,279 (SCOT0016-6) / 12-9-2015
	F 08-	WO 9514289	May., 1995	WO		12/869,279 (SCOT0016-6) / 12-9-2015
	F 09-	WO 9629795	Sep., 1996	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 010-	WO 9724833	Jul., 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 011-	WO 9744736	Nov., 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 012-	WO9837513	Aug., 1998	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 013-	WO 9952271	Oct., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 014-	WO 9962044	Dec., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 015-	WO 9963443	Dec., 1999	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 016-	WO9726733	Jan. 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015

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EXAMINER INITIALS	REFERENCE NUMBER (F SERIES)	PUBLICATIO N NUMBER	PUBLICATIO N DATE	COUNTRY OR REGION	PAGE/LINE AND FIGURE/ELEM ENT OF RELEVANT MATERIAL	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF
	F 017-	WO98002864	Jul. 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 018-	WO 0057643	Sept 2000	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 019-	WO 9642151	Dec 1996	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 020-	EP0872073	July 1996	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 021-	WO0118628	March 2001	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 022-	WO0143026	June 2001	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 023-	WO0203385	Jan 2002	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 024-	WO9701892	June 1995	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 025-	WO9726732	July 1997	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 026-	WO9802864	Jan 1998	wo		12/869,279 (SCOT0016-6) / 12-9-2015
	F 027-	EP1547337	Mar 2006	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 028-	EP0581317A2	Feb 1994	EP		12/869,279 (SCOT0016-6) / 12-9-2015
	F 029-	WO023385A1	Oct 2002	WO		12/869,279 (SCOT0016-6) / 12-9-2015

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# LISTING OF NON PATENT LITERATURE - L Series

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	1	L- 01	N/A	US. Appl. No. 08/999,766, filed Jul. 23, 1997, entitled "Steganographic Method and Device", published as 7568100 07-28-2009, cited as U280.	12/869,279 (SCOT0016- 6) / 12-9-2015
	2	L- 02	N/A	EPO Application No. 96919405.9, entitled "Steganographic Method and Device"; published as EP0872073 (A2), 10-21-1998, cited herein as F20.	12/869,279 (SCOT0016- 6) / 12-9-2015
	3	L- 03	N/A	U.S. Appl. No. 11/050,779, filed Feb. 7, 2005, entitled "Steganographic Method and Device", published as 20050177727 A1 08-11-2005, cited herein as P30.	12/869,279 (SCOT0016- 6) / 12-9-2015
	4	L- 04	N/A	U.S. Appl. No. 08/674,726, filed Jul. 2, 1996, entitled "Exchange Mechanisms for Digital Information Packages with Bandwidth Securitization, Multichannel Digital Watermarks, and Key Management", published as 7362775 04-22-2008, cited herein as U272.	12/869,279 (SCOT0016- 6) / 12-9-2015
	5	L- 05	N/A	U.S. Appl. No. 09/545,589, filed Apr. 7, 2000, entitled "Method and System for Digital Watermarking", published as 7007166 02-28-2006, cited herein as U243	12/869,279 (SCOT0016- 6) / 12-9-2015
	6	L- 06	N/A	U.S. Appl. No. 11/244,213, filed Oct. 5, 2005, entitled "Method and System for Digital Watermarking", published as 2006-0101269 A1 05-11-2006, cited herein as P36	12/869,279 (SCOT0016- 6) / 12-9-2015
	7	L- 07	N/A	U.S. Appl. No. 11/649,026, filed Jan. 3, 2007, entitled "Method and System for Digital Watermarking", published as 2007-0113094 A1 05-17-2007, cited herein as P45.	12/869,279 (SCOT0016- 6) / 12-9-2015
	8	L- 08	N/A	U.S. Appl. No. 09/046,627, filed Mar. 24, 1998, entitled "Method for Combining Transfer Function with Predetermined Key Creation", published as 6,598,162 07-22-2003, cited herein as U212.	12/869,279 (SCOT0016- 6) / 12-9-2015

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	9	L- 09	N/A	U.S. Appl. No. 10/602,777, filed Jun. 25, 2003, entitled "Method for Combining Transfer Function with Predetermined Key Creation", published as 2004-0086119 A1 05-06-2004, cited herein P20.	12/869,279 (SCOT0016- 6) / 12-9-2015
	10	L- 010	N/A	U.S. Appl. No. 09/053,628, filed Apr. 2, 1998, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", 6,205,249 03-20-2001, cited herein as U161.	12/869,279 (SCOT0016- 6) / 12-9-2015
	11	L- 011	N/A	U.S. Appl. No. 09/644,098, filed Aug. 23, 2000, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 7,035,409 04-25-2006, cited herein as U245.	12/869,279 (SCOT0016- 6) / 12-9-2015
	12	L- 012	N/A	Jap. App. No. 2000-542907, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking"; which is a JP national stage of PCT/US1999/007262, published as WO/1999/052271, 10/14/1999, F13 here in above	12/869,279 (SCOT0016- 6) / 12-9-2015
	13	L- 013	N/A	U.S. Appl. No. 09/767,733, filed Jan. 24, 2001 entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 2001-0010078 A1 07-26-2001, cited herein as P1.	12/869,279 (SCOT0016- 6) / 12-9-2015
	14	L- 014	N/A	U.S. Appl. No. 11/358,874, filed Feb. 21, 2006, entitled "Multiple Transform Utilization and Application for Secure Digital Watermarking", published as 2006-0140403 A1 06-29-2006, cited herein as P37.	12/869,279 (SCOT0016- 6) / 12-9-2015
	15	L- 015	N/A	U.S. Appl. No. 10/417,231, filed Apr. 17, 2003, entitled "Methods, Systems And Devices For Packet Watermarking And Efficient Provisioning Of Bandwidth", published as 2003-0200439 A1 10-23-2003, cited herein as P13,	12/869,279 (SCOT0016- 6) / 12-9-2015

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	16	L- 016	N/A	U.S. Appl. No. 09/789,711, filed Feb. 22, 2001, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2001-0029580 A1 10-11-2001, cited herein as P75.	12/869,279 (SCOT0016- 6) / 12-9-2015
	17	L- 017	N/A	U.S. Appl. No. 11/497,822, filed Aug. 2, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2007-0011458 A1 01-11-2007, cited herein as P39.	12/869,279 (SCOT0016- 6) / 12-9-2015
	18	L- 018	N/A	U.S. Appl. No. 11/599,964, filed Nov. 15, 2006, entitled "Optimization Methods for the Insertion, Protection, and Detection of Digital Watermarks in Digital Data", published as 2008-0046742 A1 02-21-2008, cited herein as P58.	12/869,279 (SCOT0016- 6) / 12-9-2015
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	103	L- 0103		DUPLICATE OF L-27, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
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	117	L- 0117		DUPLICATE OF L-68, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
	118	L- 0118		DUPLICATE OF L-69, DELETED BY RN UPON REVIEW ON 11/16/2010. RAN	12/869,279 (SCOT0016- 6) / 12-9-2015
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	127	L- 0127		DUPLICATE OF L-78, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129         129 <td></td> <td>128</td> <td>L- 0128</td> <td></td> <td>· · ·</td> <td>12/869,279 (SCOT0016- 6) / 12-9-2015</td>		128	L- 0128		· · ·	12/869,279 (SCOT0016- 6) / 12-9-2015
130         DUPLICATE OF L-32, REMOVED. RN.         6)/12-92015           131         L-0131         DUPLICATE OF L-36, REMOVED. RN.         12969.279 (SCOTIO 6)/12-92015           132         L-0132         DUPLICATE OF L-38, REMOVED. RN.         12969.279 (SCOTIO 6)/12-92015           132         L-0132         DUPLICATE OF L-38, REMOVED. RN.         12969.279 (SCOTIO 6)/12-92015           133         L-0132         DUPLICATE OF L-37, REMOVED. RN.         12969.279 (SCOTIO 6)/12-92015           134         L-0134         DUPLICATE OF L-37, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015           135         L-0135         DUPLICATE OF L-37, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015           135         L-0135         DUPLICATE OF L-37, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015           136         L-0136         DUPLICATE OF L-37, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015           137         L-0137         DUPLICATE OF L-39, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015           138         L-0138         DUPLICATE OF L-40, REMOVED. RN.         12869.279 (SCOTIO 6)/12-92015		129	L- 0129			12/869,279 (SCOT0016- 6) / 12-9-2015
131         L= 0131         DOPLICATE OF L-36, REMOVED. RN. 11/16/2010         6/129-2015           132         L- 0132         DUPLICATE OF L-38, REMOVED. RN. 11/16/2010.         12869.279 (SCOT00 6)/12-9-2015           133         L- 0133         DUPLICATE OF L-37, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015           134         L- 0134         DUPLICATE OF L-36, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015           135         L- 0135         DUPLICATE OF L-36, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015           136         L- 0136         DUPLICATE OF L-37, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015           137         L- 0137         DUPLICATE OF L-38, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015           138         L- 0138         DUPLICATE OF L-39, REMOVED. RN. 11/16/2010         12869.279 (SCOT00 6)/12-9-2015		130	L- 0130			12/869,279 (SCOT0016- 6) / 12-9-2015
132       D. 0132       D. DUPLICATE OF L-38, REMOVED. RN. 11/16/2010.       6) / 12-9-2015         133       L- 0133       DUPLICATE OF L-37, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015         134       L- 0134       DUPLICATE OF L-36, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015         135       L- 0135       DUPLICATE OF L-37, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015         136       L- 0136       DUPLICATE OF L-38, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015         137       L- 0137       DUPLICATE OF L-39, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015         138       L- 0138       DUPLICATE OF L-39, REMOVED. RN. 11/16/2010       12869.279 (SCOTIO 6) / 12-9-2015		131	L- 0131		· · · · · · · · · · · · · · · · · · ·	12/869,279 (SCOT0016- 6) / 12-9-2015
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134       L- 0134       DUPLICATE OF L-36, REMOVED. RN. 11/16/2010       6)/12-9-2015         135       L- 0135       DUPLICATE OF L-37, REMOVED. RN. 11/16/2010       12/869.279 (SCOTOO 6)/12-9-2015         136       L- 0136       DUPLICATE OF L-38, REMOVED. RN. 11/16/2010       12/869.279 (SCOTOO 6)/12-9-2015         137       L- 0137       DUPLICATE OF L-39, REMOVED. RN. 11/16/2010       12/869.279 (SCOTOO 6)/12-9-2015         138       L- 0138       DUPLICATE OF L-40, REMOVED. RN.       12/869.279 (SCOTOO 6)/12-9-2015		133	L- 0133		,	12/869,279 (SCOT0016- 6) / 12-9-2015
133       L- 0133       DUPLICATE OF L-37, REMOVED. RN. 11/16/2010       6)/12-9-2015         136       L- 0136       DUPLICATE OF L-38, REMOVED. RN. 11/16/2010       12/869.279 (SCOTOO 6)/12-9-2015         137       L- 0137       DUPLICATE OF L-39, REMOVED. RN. 11/16/2010       12/869.279 (SCOTOO 6)/12-9-2015         138       L- 0138       DUPLICATE OF L-40, REMOVED. RN.       12/869.279 (SCOTOO 6)/12-9-2015		134	L- 0134		· · · · · · · · · · · · · · · · · · ·	12/869,279 (SCOT0016- 6) / 12-9-2015
130         L= 0130         DUPLICATE OF L-38, REMOVED. RN. 11/16/2010         6)/12-9-2015           137         L- 0137         DUPLICATE OF L-39, REMOVED. RN. 11/16/2010         12/869.279 (SCOT00 6)/12-9-2015           138         L- 0138         DUPLICATE OF L-40, REMOVED. RN.         12/869.279 (SCOT00 6)/12-9-2015		135	L- 0135			12/869,279 (SCOT0016- 6) / 12-9-2015
137         L- 0137         DUPLICATE OF L-39, REMOVED. RN.         6)/12-9-2015           138         L- 0138         DUPLICATE OF L-40, REMOVED. RN.         12/869.279 (SCOTOD O)/(12-9-2015)		136	L- 0136		,	12/869,279 (SCOT0016- 6) / 12-9-2015
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14	) L- 0140		DUPLICATE OF L-42, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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14	2 L- 0142		DUPLICATE OF L-44, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
14	3 L- 0143		DUPLICATE OF L-45, REMOVED. RN. 11/16/2010.	12/869,279 (SCOT0016- 6) / 12-9-2015
14	4 L- 0144		DUPLICATE OF L-46, REMOVED. RN. 11/16/2010.	12/869,279 (SCOT0016- 6) / 12-9-2015
14	5 L- 0145		DUPLICATE OF L-47, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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14	7 L- 0147		DUPLICATE OF L-49, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
14	8 L- 0148		DUPLICATE OF L-50, REMOVED. RN. 11/16/2010	12/869,279 (SCOT0016- 6) / 12-9-2015
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	150	L- 0150		DUPLICATE OF L-52, REMOVED. RN. 11/16/2010	12/869.279 (SCOT0016- 6) / 12-9-2015		
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	157	L- 0157	N/A	Supplementary European Search Report in EP 96919405.	10/049,101 / 2-29-2008		
	158	L- 0158	N/A	PCT International Search Report in PCT/US97/00651.	10/049,101 / 2-29-2008		
	159	L- 0159	N/A	PCT International Search Report in PCT/US97/00652	10/049,101 / 2-29-2008		
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	233	L- 0233	12/19/20 11	Shrivastava, et.al. ,"Data-Driven Visual Similarity for Cross-Domain Image Matching", 2011 ACM Transaction of Graphics (TOG), ACM SIGGRAPH Asia vol. 30 number 6, http://graphics.cs.cmu.edu/projects/crossDomain Matching/	12/869,279 (SCOT0016- 6) / 12-9-2015
	234	L- 0234	12/6/201 1	Spice, Byron, "Carnegie Mellon Researchers Develop Computerized Method for Finding Similar Images in Photos, Paintings, Sketches", Carnegie Mellon News, Dec 6, 2011, Carnegie Mellon University. http://www.cmu.edu/news/stories/archives/2011/ december/dec6_matchingimages.html	12/869.279 (SCOT0016- 6) / 12-9-2015
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	23 6	L- 0236	10/16/20 14	Memorandum Opinion and Order, Blue Spike LLC v. Texas Instruments, Inc. et al., (E.D.T.X Dist Ct), Case No. 6:12-CV-0499-MHS-CMC (Doc#1834 PageID#27597)	12/869,279 (SCOT0016- 6) / 12-9-2015

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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	23 7	L- 0237	1989	Yu, Che-Fn,"Access Control and Authorization Plan for Customer Control of Network Services", IEEE GLOBECOM 1989 Pub 1989. pgs 862-869. http://ieeeexplore.ieee.org/stamp/stamp.jsp?tp= &arnumber=64085	12/869,279 (SCOT0016- 6) / 12-9-2015
	23 8	L- 0238	1996	Jaeger, Trent; Prakash, Atul; Rubin, Aviel D, "A System Architecture for Flexible Control of Downloaded Executable Content." Proceedings of the Fifth International Workshop on Object- Oreintation in Operating Systems. Pub 1996, pgs 14-18. http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=& arnumber=557855	12/869,279 (SCOT0016- 6) / 12-9-2015
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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
	24 3	L- 0243	7/2009	"Juniper Networks License Management System (LMS) FAQ", July 2009, Juniper Networks, Inc., USA	12/869,279 (SCOT0016- 6) / 12-9-2015
	24 4	L- 0244	12/201 4	"License Activation Keys", Dec14, 2014, http://www.juniper.net/generate_license/	12/869,279 (SCOT0016- 6) / 12-9-2015
	24 5	L- 0245	3/2014	"License code and configuration key reference [AX 2012]", Mar 25, 2014, Microsoft http://technet.microsoft.com/en- us/library/hh378074.aspx	12/869,279 (SCOT0016- 6) / 12-9-2015
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EXAMI NER INITIA LS	REF. NO. (L serie s)	REFERENCE NUMBER (L Series)	PUB. DATE	INCLUDE IN SEQUENCE: Name of first author (in CAPITAL LETTERS), Title in quotation marks, name of publication, date or publication, page numbers, publisher, city of publication, and country of publication NOTE - For US patent applications listed herein, if a publication of the application is identified, Applicant is citing the listed publication and not submitting a copy of the cited application as filed. The examiner is invited to inspect the IFW as desired to view any application as filed.	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND
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	25 5	L- 0255	12/200 4	"How are Software License Keys generated?", Dec 14, 2014, Stack Overflow, http://stackoverflow.com/questions/3002067/ho w-are-software-license-keys-generated	12/869,279 (SCOT0016- 6) / 12-9-2015
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DATE:	11/16/2017	EXAMINER'S SIGNATURE:	/JEREMIAH L	AVERY/
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	25 9	L- 0259	1997	von Faber, Eberhard; Hammelrath, Robert; Franz-Peter. The Secure Distribution of Digital Contents. Proceedings, 13 th Annual Computer Security Applications Conference, 1997. pgs 16-22. http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=& arnumber=651739	12/869,279 (SCOT0016- 6) / 12-9-2015
	26 0	L- 0260	2015	Order Granting Motion For Judgment on the Pleadings, Blue Spike, LLC v. Google Inc. (N.D.Cal. Dist Ct.) Case No. 14-cv-01650-YGR	12/869.279 (SCOT0016- 6) / 12-9-2015
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	26 3	L-0263	2016	Blue Spike, LLC v. Google, Inc, 2016-1054 (Fed. Cir. 10/14/2016), judgement adverse to Blue Spike, LLC.	
	26 4	L-0264	2017	Blue Spike LLC v. Google, Inc., 16-1223 (6/12/2017) denial of writ of certiorari.	

DATE:	11/16/2017	EXAMINER'S SIGNATURE:	/JEREMIAH L AVERY/
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DATE:	11/16/2017
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EXAMINER'S SIGNATURE:

S SIGNATURE: / JEREMIAH L AVERY/

Neifeld Ref: SCOT0016-7 Client Ref: SCOT0016-7 US Application and filing date: 15607820 5/30/2017 USPTO CONF. NO: 9854 Inventor: SCOTT A. MOSKOWITZ et al. Title: Secure personal content server Entity Size: LARGE

### 1. 37 CFR 1.25(b) SELECTED AUTHORIZATION TO CHARGE UNDERPAYMENT AND REFUND OVERPAYMENTS TO DEPOSIT ACCOUNT 50-

**2106.** The undersigned is an authorized signor for deposit account 50-2106 and authorizes charges for applications filed by Neifeld IP Law, PC, specified in 37 CFR 1.16 (national filing, search, exam fees); in 37 CFR 1.17 (processing, including petition fees); and 37 CFR 1.18 (post allowance, including issue fees) *except that:* the undersigned does not authorize charges for invention claims (specified in 1.16(h); (I); and (k)). The undersigned authorizes charges for a 35 USC 371 national stage entry of a PCT international application identified in 37 CFR 1.492(a)-(c) and (h)-(j), but not (d)-(g) (all fees other than invention claims fees).

## 2. FEES (PAID HEREWITH BY EFS CREDIT CARD SUBMISSION) \$: 969

2501 1.18(a)(1) Utility issue fee \$960

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# 3. **THE FOLLOWING DOCUMENTS ARE SUBMITTED HEREWITH:** Part B - Fee(s) Transmittal (1 page)

# 4. FOR INTERNAL NEIFELD IP LAW, PC USE ONLY

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Printed: February 22, 2018 (1:11pm) Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\FilingOfIssueFeeTransmittal_SCOT0016-7_2-22-2018.wpd

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#### Complete and send this form, together with applicable fee(s), to: <u>Mail</u> Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Certificate of Mailing or Transmission 7590 12/06/2017 I hereby certify that this Fee(s) Transmitten in this meshod with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. 31518 NEIFELD IP LAW, PC 5400 Shawnee Road Suite 310 (Depositor's name) ALEXANDRIA, VA 22312-2300 (Signature (Date APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 15/607,820 05/30/2017 SCOT0016-7 9854 Scott A. Moskowitz TITLE OF INVENTION: Secure personal content server APPLN. TYPE ENTITY STATUS ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE UNDISCOUNTED \$960 \$0 \$960 03/06/2018 nonprovisional \$0 EXAMINER CLASS-SUBCLASS ART UNIT AVERY. JEREMIAH L 2431 726-001000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list 1 Neifeld IP Law, PC (1) The names of up to 3 registered patent attorneys Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to "Fee Address" indication (or "Fee Address" Indication form 2 registered patent attorneys or agents. If no name is listed, no name will be printed. PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE WISTARIA TRADING LTD HAMILTON, BERMUDA Please check the appropriate assignce category or categories (will not be printed on the patent) : 🗖 Individual 📓 Corporation or other private group entity 📮 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) X Issue Fee A check is enclosed. Publication Fee (No small entity discount permitted) A Payment by credit card. Kom PRO 2008 Kom A via efs authorization Advance Order - # of Copies 3 COPIES The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) Applicant certifying micro entity status. See 37 CFR 1.29 NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment. <u>NOTE</u>: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status. Applicant asserting small entity status. See 37 CFR 1.27 Applicant changing to regular undiscounted fee status. <u>NOTE:</u> Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable. NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications Date _2/22/2018 /BruceMargulies/ Authorized Signature Typed or printed name _Bruce Margulies Registration No. 64175

Page 2 of 3

OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal						
Application Number:	156	507820				
Filing Date:	30-	May-2017				
Title of Invention:	Secure personal content server					
First Named Inventor/Applicant Name:	Scott A. Moskowitz					
Filer:	Bruce Talbot Margulies					
Attorney Docket Number:	SCOT0016-7					
Filed as Large Entity						
Filing Fees for Utility under 35 USC 111(a)						
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:						
Pages:						
Claims:						
Miscellaneous-Filing:						
Petition:						
Patent-Appeals-and-Interference:						
Post-Allowance-and-Post-Issuance:						
UTILITY APPL ISSUE FEE		1501	1	960	960	

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)		
Extension-of-Time:						
Miscellaneous:						
Printed copy of patent - no color	8001	3	3	9		
	Tot	al in USD	(\$)	969		

Electronic Acknowledgement Receipt				
EFS ID:	31859306			
Application Number:	15607820			
International Application Number:				
Confirmation Number:	9854			
Title of Invention:	Secure personal content server			
First Named Inventor/Applicant Name:	Scott A. Moskowitz			
Customer Number:	31518			
Filer:	Bruce Talbot Margulies			
Filer Authorized By:				
Attorney Docket Number:	SCOT0016-7			
Receipt Date:	22-FEB-2018			
Filing Date:	30-MAY-2017			
Time Stamp:	13:50:32			
Application Type:	Utility under 35 USC 111(a)			

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RAM confirmation Number	022318INTEFSW13511900			
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1		FilingOfIssueFeeTransmittal_S OT0016-7_2-22-2018c.pdf		yes	2
	Mult	ipart Description/PDF files ir	n .zip description		
	Document D	escription	Start	E	nd
	Transmitta	l Letter	1		1
	Issue Fee Payme	nt (PTO-85B)	2		2
Warnings:					
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2	Fee Worksheet (SB06)	fee-info.pdf	fe77bbc94cefb1c2df048c9045e382df945bf 2d8	no	2
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	EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
		U 0380	6018722	Jan 2000	Ray	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0381	6138239	Oct 2000	Veil	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0382	6484153	Nov 2002	Walker	12/869,279 (SCOT0016-6) / 12-9-2015
Change(s) applied		U 0383	6615188	09/2003 Aug 2004	Breen	12/869,279 (SCOT0016-6) / 12-9-2015
to document,		U 0384	6856967	Jan 2005	Woolston	12/869,279 (SCOT0016-6) / 12-9-2015
/M.E.G./ 12/18/2017		U 0385	5790783	Aug 1998	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0386	6650761	Nov 2003	Rodriguez	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0387	6735702	May 2004	Yavatkar	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0388	6792424	Sept 2004	Burns	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0389	4790564	Dec 1988	Larcher	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0390	6111517	Aug 2000	Atick	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0391	5164992	Nov 1992	Turk	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0392	6674877	Jan 2004	Jojie	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0393	5291560	Mar 1994	Daugman	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0394	8492633	Jul 2013	Ellis	12/869,279 (SCOT0016-6) / 12-9-2015
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		U 0398	7672916	Mar 2010	Poliner	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0399	5991431	Nov 1999	Borza	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0400	4529870	Jul 1985	Chaum	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0401	6704451	Mar 2004	Hekstra	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0402	6532298	Mar 2003	Cambier	12/869,279 (SCOT0016-6) / 12-9-2015

DATE: 11/16/2017	EXAMINER'S SIGNATURE:	/JEREMIAH L AVERY/
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.L.A/

	EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
		U 0312	5839100	Nov 1998	Wegener	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0313	5781184	Jul 1998	Wasserman	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0314	5617506	Apr 1997	Burk	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0315	5327520	Jul 1994	Chen	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0316	5111530	May 1992	Kutaragi	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0317	7095715	Aug 2006	Buckman	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0318	6173322	Jan 2001	Hu	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0319	5754938	May 1998	Herz	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0320	6035398	Mar 2000	Bjorn	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0321	5901178	May 1999	Lee	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0322	8214175	July 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0323	8265278	Sept 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
Change(s) applied		U 0324	8161286	04/2012 Nov 2010	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
to document,		U 0325	8307213	11/2012 Jan 2011	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
/M·E·G./ 12/18/2017		U 0326	8121343	May 2012	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0327	5437050	Jul 1995	Lamb	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0328	5123045	Jun 1992	Ostrovsky	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0329	7310815	Dec 2007	Yanovsky	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0330	8179846	May 2012	Dolganow	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0331	7719966	May 2010	Luft	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0332	7630379	Dec 2009	Morishita	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0333	5949973	Sept 1999	Yarom	12/869,279 (SCOT0016-6) / 12-9-2015

DATE:	11	/1	6/	2	01	7
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EXAMINER'S SIGNATURE:
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/JEREMIAH L AVERY/

#### Printed: October 3, 2017 (3:37pm) Path: Y:\Clients\SCOT Scott A Moskowitz and Wistaria Trading, Inc\SCOT0016-7\Drafts\ReferenceCitationList_15607820_SCOT0016-7_8-23-2017.wpd 37 CFR 1.98(a)(1)(i) APPLICATION & ATTORNEY DOCKET: 15607820 / SCOT0016-7 37 CFR 1.98(a)(1)(iii): THIS IS AN INFORMATION DISCLOSURE STATEMENT

	EXAMINER INITIALS	REFERENCE NUMBER (U SERIES)	PATENT NUMBER	ISSUE DATE	NAME OF PATENTEE OR APPLICANT	APPLICATION NUMBER(DOCKET NUMBER) IN WHICH THE EXAMINER CONSIDERED THIS REFERENCES, AND DATE OF CONSIDERATION
		U 0225	6785825	August 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0226	6792548	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0227	6792549	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0228	6795925	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0229	6799277	September 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0230	6813717	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0231	6813718	November 2004	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0232	6823455	November 2004	Macy et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0233	6834308	December 2004	Ikezoye et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0234	6842862	January 2005	Chow et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0235	6853726	February 2005	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0236	6857078	February 2005	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0237	6931534	August 2005	Jandel et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0238	6966002	November 2005	Torrubia-Saez	12/869,279 (SCOT0016-6) / 12-9-2015
Change(s) applied		U 0239	6983337	01/2006 November 2005	<del>Wold</del> Diamant	12/869,279 (SCOT0016-6) / 12-9-2015
to document,		U 0240	6977894	December 2005	Achilles et al.	12/869,279 (SCOT0016-6) / 12-9-2015
/M·E.G./ 12/18/2017		U 0241	6978370	December 2005	Kocher	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0242	6986063	January 2006	Colvin	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0243	7007166	February 2006	Moskowitz et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0244	7020285	March 2006	Kirovski et al.	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0245	7035409	April 2006	Moskowitz	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0246	7043050	May 2006	Yuval	12/869,279 (SCOT0016-6) / 12-9-2015
		U 0247	7046808	May 2006	Metois et al.	12/869,279 (SCOT0016-6) / 12-9-2015

ATE: 11/16/2017 EXAMINER'S SIGNATURE: /JEREMIAH L AVERY/	
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# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
15/607,820	04/03/2018	9934408	SCOT0016-7	9854

 31518
 7590
 03/14/2018

 NEIFELD IP LAW, PC
 5400 Shawnee Road
 5400 Shawnee Road

 Suite 310
 ALEXANDRIA, VA 22312-2300

# **ISSUE NOTIFICATION**

The projected patent number and issue date are specified above.

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Scott A. Moskowitz, Ft. Lauderdale, FL; Wistaria Trading Ltd, Hamilton, BERMUDA; Mike W. Berry, Seattle, WA;

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IR103 (Rev. 10/09)

PTO/SB/47 (03-09)
Approved for use through 05/31/2015. OMB 0651-0016
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Address to: Mail Stop M Correspondence Commissioner for Patents - OR - P.O. Box 1450 Alexandria, VA 22313-1450	Fax to: 571-273-6500							
<b>INSTRUCTIONS:</b> The issue fee must have been paid for application(s) listed on this form. In addition, only an address represented by a Customer Number can be established as the fee address for maintenance fee purposes (hereafter, fee address). A fee address should be established when correspondence related to maintenance fees should be mailed to a different address than the correspondence address for the application. When to check the first box below: If you have a Customer Number to represent the fee address. When to check the second box below: If you have no Customer Number representing the desired fee address, in which case a completed Request for Customer Number (PTO/SB/125) must be attached to this form. For more information on Customer Numbers, see the Manual of Patent Examining Procedure (MPEP) § 403.								
For the following listed application(s), please recognize a 1.363 the address associated with:	s the "Fee Address" under the provisions of 37 CFR							
Customer Number: 106960								
OR								
The attached Request for Customer Number (PTO	/SB/125) form.							
PATENT NUMBER (if known)	APPLICATION NUMBER							
9934408	15607820							
Completed by (check one):								
Applicant/Inventor	/BruceMargulies/ Signature							
Attorney or Agent of record <u>64175</u> (Reg. No.)	Bruce Margulies Typed or printed name							
Assignee of record of the entire interest. See 37 CFR Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)	3.71. 703-415-0012 Requester's telephone number							
Assignee recorded at Reel Frame	5/18/2018							
NOTE: Signatures of all the inventors or assignees of record of the entire interest	Date or their representative(s) are required. Submit multiple forms if more that one							
signature is required, see below*.  * Total offorms are submitted.								

This collection of information is required by 37 CFR 1.363. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1. 11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alex andria, VA 22313-1450. DO NOT SEND COMPLETE D FORMS TO THIS A DDRESS. SEND TO: Mail Stop M Correspondence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## **Privacy Act Statement**

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

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- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt			
EFS ID:	32701657		
Application Number:	15607820		
International Application Number:			
Confirmation Number:	9854		
Title of Invention:	Secure personal content server		
First Named Inventor/Applicant Name:	Scott A. Moskowitz		
Customer Number:	31518		
Filer:	Richard A. Neifeld/Daniel Sachs		
Filer Authorized By:	Richard A. Neifeld		
Attorney Docket Number:	SCOT0016-7		
Receipt Date:	23-MAY-2018		
Filing Date:	30-MAY-2017		
Time Stamp:	12:27:36		
Application Type:	Utility under 35 USC 111(a)		

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Submitted with Payment		no				
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Document Number	<b>Document Description</b>		File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
	Change of Address		SB47MaintFeeAddress_SCOT00 16-7_5-17-2018.pdf	203990	no	2
1		SB4		b481abf7e17ab0c8fe7ac2c03e4c2edd8dc4 3aa6		
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	Total Files Size (in bytes):	203990

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application. Case 6:18-cv-00242-RWS-KNM Document 2 Filed 05/31/18 Page 2 of 3 PageID #: 474

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office
	P.O. Box 1450
	F.O. DUX 1430
	Alexandria, VA 22313-1450

#### REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas on the following

DOCKE <u>T NO.</u> 6:18-cv-0242	DATE FILED 5/31/2018	U.S. DISTRICT COURT Eastern District of Texas		
PLAINTIFF	<u> </u>	DEFENDANT		
Blue Spike, PLLC		Frontier Communications Corp.		
	DATE OF PATENT	<u></u>		
PATENT OR TRADEMARK NO.	OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK		
1 7,475,246	1/6/2009	Blue Spike, LLC		
2 8,739,295	5/27/2014	Blue Spike, LLC		
3 9,021,602	4/28/2015	Blue Spike, LLC		
4 9,104,842	8/11/2015	Blue Spike, LLC		
5 9,934,408	4/3/2018	Blue Spike, LLC		

#### In the above-entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY	
	Amendment	Answer Cross Bill Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT' OR TRADEMARK
1		
2		
3		
4		
5		

In the above-entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

 $Copy 1-Upon \ initiation \ of \ action, \ mail \ this \ copy \ to \ Director \ Copy \ 3-Upon \ termination \ of \ action, \ mail \ this \ copy \ to \ Director \ Copy \ 4-Case \ file \ copy \ file \ copy \ file \ file$ 

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