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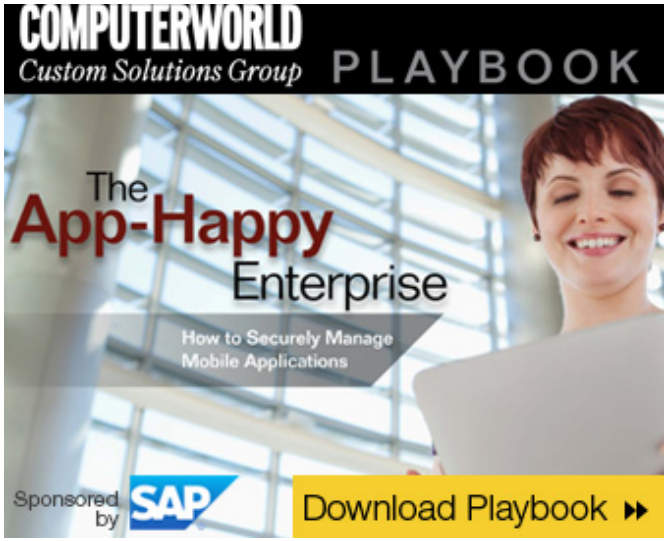
[April 03, 2013]

U.S. Patents Awarded to Inventors in New Hampshire (April 3)

(Targeted News Service Via Acquire Media NewsEdge) Targeted News Service Targeted News Service ALEXANDRIA, Va., April 3 -- The following federal patents were awarded to inventors in New Hampshire.

*** Cisco Technology Assigned Patent ALEXANDRIA, Va., April 3 -- Cisco Technology, San Jose, Calif., has been assigned a patent (8,413,245) developed by Jeffrey A. Kraemer, Wellesley, Mass., and Andrew Zawadowskiy, Nashua, N.H., for "methods and apparatus providing computer and network security for polymorphic attacks." The abstract of the patent published by the U.S. Patent and Trademark Office states: "A system detects an attack on the computer system. The system identifies the attack as polymorphic, capable of modifying itself for every instance of execution of the attack. The modification of the attack is utilized to defeat detection of the attack. In one embodiment, the system determines generation of an effective signature of the attack has failed. The signature is utilized to prevent execution of the attack. The system then adjusts access to an interface to prevent further damage caused to the computer system by the attack." The patent application was filed on May 1, 2006 (11/414,910). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-

bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=8,413,245&OS=8,413,245&RS=8,413,245 Written by Satyaban Rath; edited by Hemanta Panigrahi.



*** JDA Software Group Assigned Patent ALEXANDRIA, Va., April 3 -- JDA Software Group, Scottsdale, Ariz., has been assigned a patent (8,412,581) developed by Mohanasundaram Chinnappan, Nashua, N.H., Suresh Sridhar, Irving, Texas, and Dasaradh R. Mallampati, Grapevine, Texas, for "facilitating business transactions between trading networks." The abstract of the patent published by the U.S. Patent and Trademark Office states: "A method of establishing an interconnection between trading networks may include receiving at a home operator of a home trading network an access establishment request communicated from a home user. The access establishment request may include a request to establish access to a desired application. The desired application may be associated with a foreign trading network coupled to the home trading network via a computer network. The method may further include communicating the access establishment request from the home operator to a foreign operator of the foreign trading network; receiving at the home operator an approval of the access establishment request communicated from the foreign operator, if appropriate; establishing an application access allowing the home user to use the desired application; and communicating a transaction communication to the desired application. The transaction communication may relate to a business transaction." The patent application was filed on Feb. 21, 2002 (10/080,368). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=8,412,581&OS=8,412,581&RS=8,412,581 Written by Neha Bharti; edited by Jaya Anand.

*** Opportunity Notification Technology Assigned Patent ALEXANDRIA, Va., April 3 -- Opportunity Notification Technology, Manchester, N.H., has been assigned a patent (8,412,578) developed by Joseph Roberts, Grafton, N.H., for a "system for delivering advertisements to wireless communication devices." The abstract of the patent published by the U.S. Patent and Trademark Office states: "An advertising

landscape drive a need for technology solutions to emerge.

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Securing Enterprise Mobility for Greater Competitive Advantage

We are living in a world that only 20 years ago was the realm of science fiction. Devices once just barely imaginable have become common consumer items, carried casually in pockets and purses, with constantly growing capabilities.

Secure Mobile Content Management for the Enterprise

Every day employees move business files onto their mobile devices so they can work at home, on the road, or at client sites. The mobile workforce is a reality, as 80% of employees say they need to access work documents from outside the office.1 Instead of insecure, consumer-based tools, enterprises need a safe, reliable platform for managing content on mobile devices.

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system and method for a communication system that delivers advertisements to subscribers based on the respective subscriber data. The advertisers, through the provider of the system, have advertisements selected and delivered to the subscriber based on the subscriber data. The advertiser pays for advertisement delivery such that the provider can offer reduced rates or free communication services to the subscribers. The provider is capable through the system to update the subscriber data in real time including personal profile, purchase history, financial condition, and location. The provider through the system is capable of establishing advertisement delivery priority by evaluating the subscriber data in real time just prior to triggering advertisement delivery. The advertisement can be delivered in place of ring tones, at the end of the conversation, and while waiting for the other party to answer." The patent application was filed on Dec. 17, 2007 (12/002,459). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=8,412,578&OS=8,412,578&RS=8,412,578 Written by Neha Bharti; edited by Jaya Anand.

*** Microsoft Assigned Patent for Device Authentication within Deployable Computing Environment ALEXANDRIA, Va., April 3 -- Microsoft, Redmond, Wash., has been assigned a patent (8,412,930) developed by seven co-inventors for a "device authentication within deployable computing environment." The co-inventors are Abolade Gbadegesin, Seattle, Dharma K. Shukla, Sammamish, Wash., Thomas A. Galvin, Amherst, N.H., David R. Reed, Redmond, Wash., Nikolay Smolyanskiy, Seattle, Eric Fleischman, Redmond, Wash., and Roman Batoukov, Redmond, Wash.

The abstract of the patent published by the U.S. Patent and Trademark Office states: "A deployable computing environment may facilitate interaction and data sharing between users and devices. Users, devices, and relationships between the users and devices may be represented within the deployable computing environment. A relationship between a user and a device may specify that the device is owned by the user and that the device is authorized to perform operations within the deployable computing environment on behalf of the user. Secure authentication of devices and users for interaction within the deployable computing environment is achieved by authenticating tickets corresponding to the user, the device, and the relationship. A device identification ticket and a user identification ticket are used to authenticate the device and user for interaction within the deployable computing environment. A device claim ticket allows the device to perform delegated operations (e.g., data synchronization, peer connectivity, etc.) on behalf of the user without the user's credentials (e.g., user

identification ticket)." The patent application was filed on Oct. 9, 2008 (12/248,137). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=8,412,930.PN.&OS=PN/8,412,930&RS=PN/8,412,930 Written by Kusum Sangma; edited by Anand Kumar.

*** International Rectifier Assigned Patent ALEXANDRIA, Va., April 3 -- International Rectifier, El Segundo, Calif., has been assigned a patent (8,412,923) developed by four co-inventors for a "multi-mode pin usage in a power supply control integrated circuit." The co-inventors are Robert T. Carroll, Andover, Mass., Ronald Hulfachor, Nashua, N.H., Dror Barash, Brookline, Mass., and Frank Kern, Bellingham, Wash.

The abstract of the patent published by the U.S. Patent and Trademark Office states: "An integrated circuit resides on a circuit board. During operation, the digital controller integrated circuit produces control signals to control a power supply for delivery of power to a load. The integrated circuit can include multiple connectivity ports, on-board memory, and mode control logic. The multiple connectivity ports such as pins, pads, etc., of the integrated circuit can be configured to provide connections between internal circuitry residing in the integrated circuit and external circuitry residing on a circuit board to which the integrated circuit is attached. The mode control logic monitors a status of one or more connectivity ports of the integrated circuit to detect when a board handler places the digital controller in a power island mode in which the integrated circuit is powered so that the board handler can access (e.g., read/write) the memory in the digital controller integrated circuit while other portions of the board are unpowered." The patent application was filed on Feb. 9, 2010 (12/703,082). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO1&Sect2=HITOFF&d=PALL&p=1&u=%2Fnetahtml%2FPTO%2Fsrchnum.htm&r=1&f=G&l=50&s1=8,412,923.PN.&OS=PN/8,412,923&RS=PN/8,412,923 Written by Kusum Sangma; edited by Anand Kumar.

*** Sprint Communications Assigned Patent ALEXANDRIA, Va., April 3 -- Sprint Communications, Overland Park, Kan., has been assigned a patent (8,412,786) developed by Raymond Emilio Reeves, Olathe, Kan., Ryan Alan Wick, Apollo Beach, Fla., and Thomas Michael Hughson, Boscawen, N.H., for a "decomposition and delivery of message objects based on user instructions." The abstract of the patent published by the U.S. Patent and Trademark Office states: "A message system comprises a communication interface and a processing system. The communication interface is configured to receive a message object addressed to a user. The processing system is configured to store a copy of the

message object, process the message object based on user decomposition instructions to generate a decomposed message object, select a delivery mechanism for the decomposed message object based on user delivery instructions, and direct the communication interface to transfer the decomposed message object for delivery to the user according to the delivery mechanism. The communication interface configured to transfer the decomposed message object for delivery to the user according to the delivery mechanism." The patent application was filed on April 20, 2010 (12/763,845). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=8,412,786&OS=8,412,786&RS=8,412,786 Written by Arpi Sharma; edited by Anand Kumar.

*** Exagrid Systems Assigned Patent ALEXANDRIA, Va., April 3 -- Exagrid Systems, Westborough, Mass., has been assigned a patent (8,412,848) developed by David G. Therrien, Nashua, N.H., and David Andrew Thompson, Westborough, Mass., for a "method and apparatus for content-aware and adaptive deduplication." The abstract of the patent published by the U.S. Patent and Trademark Office states: "A method, a system, an apparatus, and a computer readable medium for transmission of data across a network are disclosed. The method includes receiving a data stream, analyzing the received data stream to determine a starting location and an ending location of each zone within the received data stream, based on the starting and ending locations, generating a zone stamp identifying the zone, the zone stamp includes a sequence of

contiguous characters representing at least a portion of data in the zone, wherein the order of characters in the zone stamp corresponds to the order of data in the zone, comparing the zone stamp with another zone stamp of another zone in any data stream received, determining whether the zone is substantially similar to another zone by detecting that the zone stamp is substantially similar to another zone stamp, delta-compressing zones within any data stream received that have been determined to have substantially similar zone stamps, thereby deduplicating zones having substantially similar zone stamps within any data stream received, and transmitting the deduplicated zones across the network from one storage location to another storage location." The patent application was filed on May 29, 2009 (12/455,281). The full-text of the patent can be found at http://patft.uspto.gov/netacgi/nph-Parser Sect1=PTO2&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&co1=AND&d=PTXT&s1=8,412,848&OS=8,412,848&RS=8,412,848 Written by Arpi Sharma; edited by Anand Kumar.

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contact: Myron Struck, editor, Targeted News Service LLC, Springfield, Va., 703/304-1897; editor@targetednews.com; http://targetednews.com.

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