

INNOVATIVE LEADERSHIP IN CHANGE MANAGEMENT FOR ORGANIZATIONAL GROWTH

I help organizations grow. My skills are best used in change management for strategy development, design, leadership, team building and coaching of others for new business model innovation & growth efforts. My career arc includes bringing change management growth to startups, non-profits, privately held and publicly traded organizations. I'm brought to organizations as a positive energy source connecting dots and integrating teams to execute enterprise-wide strategy, innovation, tech, product, service and supply chain solutions. I'm always focusing on developing the capability of others by guiding teams to link strategy & tactics, and drive execution for the overall organization growth plan.

SUMMARY OF QUALIFICATIONS

- Extensive experience in change management for leadership, strategy, product design, manufacturing, product/project/program management and supply chain.
- International experience developing global suppliers and supply chains in low-cost regions with the ability to conduct business, negotiate, and interface at the CEO and Board of Director level in various multi-cultural environments and global corporations.
- Skilled leader, manager, negotiator, and communicator, with an ability to lead by example influencing global organizational behavior driving strong process and standard work action affecting significant and sustainable business outcomes.
- Able to deliver breakthrough developments by executing unique change management innovation strategies for product, process, service and supply chain solutions.
- Able to effectively translate and communicate complex business, technical, and organizational issues to a broad audience including executive and corporate board-level leadership.
- Ability to develop enterprise-wide innovation, technology, commodity/category and product and service solution roadmaps in alignment to the overall corporate strategy.
- Expert technical proficiency in global product development, design for manufacturability, product life cycle management, global procurement, advanced sourcing, and supply chain design. Including sourcing and supplier matching processes for New Product, Process, and Services Introduction.
- Expert financial, value analysis, source selection, project management, and supplier negotiation skills.
- Broad knowledge and experience in product design, system integration, technical engineering, and solution and source development focusing on specific application requirements, including Design for Six Sigma (DFSS). Design of experiments (DOE) & SHANIN problem solving methods and product enhancement, quality audit, and reliability testing methodologies.
- Co-inventor awarded 100+ Global and US design and utility patents generating over \$1B in positive margin revenue with direct design and innovation management of teams for complex technical system developments delivering unique product, process, service and supply chain offerings.

Specific Skill Areas:

<ul style="list-style-type: none"> • Team Capability Building • Change Management Processes • New Business Model Development • Early Supplier Involvement • Open Innovation • Lean Product Development & Supply Chain Design • Learning Management System Design and Content Development • Collaborative IP, Licensing, Patent, Supplier and customer negotiations. • Scenario Planning and Risk Analysis • DFM/DFA Expertise & Coaching • Value Analysis Engineering Methods • IOT & Smart Phone Devices • IP Strategy Consulting • Patent Interrogation & Reverse Engineering • USPTO Patent Application Processes and File Wrapper Review • Patent Claim Design & Development 	<ul style="list-style-type: none"> • Design of Experiment (DOE) techniques • Innovation & Creativity Education • Direct & Indirect Strategic Sourcing and Business Process Outsourcing • Enterprise-wide Cost Reduction & Avoidance • Industry standard design, manufacture, and metrology methods • Electro-mechanical system design & integration • Operations Management • Financial Modeling & Analysis • Strategy Consulting for Long Term Growth • Intellectual Property Analysis • Patent Claim Chart Development • Automotive Design & Analysis • Automotive Component & System Design • Body-In White Process for Automotive • New Product Introduction (NPI) Process • Software, Firmware and Coding Program & Project Management • IT Transformation Project Leadership 	<ul style="list-style-type: none"> • Lean Six Sigma Operational Process Excellence • New Product Introduction Planning & Management • Program and Project Management Leadership • Design for Six Sigma Expertise & Coaching • Business Process Improvement • Global Supply Chain Design • Workflow Planning & Prioritization • SHANIN structured problem solving • Toyota based design and supply chain management principles • Rapid Product development fabrication processes • Personnel Hiring Assessment, mentoring and team building • Injection Molding Process and Part Design • Risk Analysis & Management Methods • SaaS & IoT Solution Design and Development • Patent Infringement Analysis • Patent Business Process Optimization • Product Failure Analysis • Expert Witness Consulting, Support and Testimony • Expert and Rebuttal Report Development
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THE INNOVATION GARAGE Clinton, OH 2012-Present

FOUNDER AND PROPRIETOR

Founded in 2012, The Innovation Garage® helps organizations around the world to Make Things. Make Things Better. Teach Others.® The firm helps clients build capability for growth. In my role as founder, and along with our advisory team members, we develop and deliver change management strategy, leadership development, and growth skill development for our clients. The client base and sectors are diverse. Our teams provide education, tools, tech and expert consulting to 100+ global organizations, helping build their capability for growth. Collaborating, consulting and training over 2000+ client team members in teams as large as 100+. Our services value delivery includes start-up, non-profits, mid-market, privately held, publicly traded organizations, defense contractor organizations and select divisions of the US Government, Department of Defense, and US Military.

DIEBOLD, INCORPORATED Canton, OH DEC 1999- OCT 2013

\$3 billion OEM provider of banking, security, and professional services products.

GLOBAL PROCUREMENT 2006-OCT 2013

SENIOR DIRECTOR PRODUCT SOURCING (2011-2013), DIRECTOR SOURCING ENGINEERING (2008-2011)
MANAGER, SOURCING ENGINEERING (2007-2008) PROGRAM MANAGER, SMART BUSINESS (2005-2007)
STRATEGIC CATEGORY MANAGER (2006-2007)

Reported to the Vice President and Chief Procurement Officer of Global Procurement, directing a 4-person management team, and leading a total combined extended organization of 30 Global Sourcing Managers, Sourcing Engineers, and Procurement technology developers and analysts. Overall responsibility and management for a \$4M P&L operating budget managing \$1B+ spend of direct materials and product solutions for Diebold's 3 major business units of Self-Service Terminals, Electronic Security, and Facility Solutions.

Responsible for leading and building new teams for strategic sourcing, supply chain development, source selection, supplier performance management, supplier managed new product introduction, in-direct procurement, and Smart Business annual cost reduction program and architecting industry leading supplier innovation and collaboration efforts within the Diebold Enterprise.

DIEBOLD, INCORPORATED Canton, OH 1999-2013

GLOBAL PRODUCT DEVELOPMENT (1999-2006)

PRINCIPAL ENGINEER (2005-2006) SENIOR ENGINEER (2001 – 2005) MECHANICAL ENGINEER (1999-2001)

Demonstrating a distinguished record of promotion and achievement within the global engineering, and procurement organizations, initially recruited in 1999 to design and develop system level solutions of Automated Transaction Machine electro-mechanical delivery devices, focused on the voice of the customer (VOC). Led projects teams of up to 40 cross functional members to \$12M per year in annualized savings utilizing value analysis, lean supply chain, and Toyota lean development methodologies.

Selected Accomplishments (Diebold, Incorporated):

- **2011/12-** Managing a direct team of 4 managers & collaborating with extended teams of Global Sourcing Managers, Engineering groups and suppliers as part of a strategic product sourcing team responsible for \$500M+ annual spend. Responsible for the global smart business program delivering \$41M in savings and \$.41 EPS in 2011, \$.35M and .35EPS in 2012.
- **2007-** Focusing efforts on early procurement & supplier involvement in New Product Introduction thru supplier co-development programs, establishment of standard work, program management & leadership methods to eliminate waste & waiting time for an agile Global supply chain organization, developed the sourcing engineering group of development engineers embedded in the supply chain organization.
- **2006-** As Displays Strategic Category Manager, personally led a \$12M annual spend reduction/New Product Introduction and supplier co-development project from concept to launch on a \$35M/year ATM display commodity. Activities included RFQ development, supplier selection, contract negotiation, supplier award; execution and \$10M last-time-buy management. The effort contributed \$.12 EPS in 2007 calendar year.
- **2005-** Helped to architect a program and have personally led efforts to reduce direct operations cost by \$300M over 6 years. Directly contributing to \$.47 EPS in 2007 through multiple developments and resourcing activities. The program has since become a standard business and operations practice for Diebold, yielding almost \$300 million in savings and \$3.00 EPS.
- **1999-2006:** Led teams of internal and external resources in the design of injection molded, sheet metal, cast, machined, belt/drive train systems, ink jet printing systems, bearings, clutches, brakes, stepper/dc motor, sensor and RFID design elements for paper, media and sheet handling systems for use with Automatic Transaction Machines (ATM's) and Point of Sale (POS) devices and complex system integrations.

Design Dynamics Incorporated Akron, OH 1997 – 1999

\$3M Start-up Product Development Consultant company with clients in automotive, medical, marine, and consumer industries.

Co-Founder/Project Manager/Lead Mechanical Engineer

- Challenged to develop concepts and design to production products for key clients including Toyota, Harley-Davidson, General Motors, and Telxon Corporation.
- Design/development of interior components for 2000 model year Toyota Avalon using Toyota development methods.
- Developed "hands free" vehicle entry devices for major automotive manufacturers.

Telxon Corporation, Akron, OH 1995-1997

\$1 Billion global OEM of point of sale and industrial wireless communication and inventory control devices.

Lead Mechanical Engineer

- Responsible for Concept thru production development for Telxon's hand held, wearable, pen-based, consumer and industrial product lines.
- Worked in a supplier collaborative co-development environment to deliver a key wireless product initiative from concept to production in 6 months.

Time Keeping Systems, Cleveland, OH 1994-1995

\$3 million startup manufacturer of barcode reading and wireless devices, Awarded US patent for an electronic time stamp product.

Goodyear Corporation, Akron, OH 1994

\$20 billion manufacturer of automotive tires. Worked as a tire and tire mold design engineer in the racing and manufacturing divisions.

Akron Standard, Akron, OH 1992-1994

\$10 million manufacturer of production tire test equipment, worked as a mechanical engineer co-op.

EDUCATION, CREDENTIALS & COMMUNITY INVOLVEMENT

Leadership Akron – Class #35, June 2019

Innovation Master Black Belt - 2014 Innovation Engineering Institute

Lean Six Sigma Green Belt - SAI Global, 2007

Masters Business Administration - 2010 Malone University, Canton OH

BS in Mechanical Engineering with Polymer Specialization - 1994 University Akron, Akron OH

Certified Project Management Professional (PMP) - May 2003, Renewed 2022, Credential #67402

Advisory Board Member: Inclusioneers, non-profit partnership with hospitals, universities, and businesses focused on providing adaptive equipment to special needs children.

Advisory Board Member - Baldwin Wallace University Center for Innovation

Entrepreneur Coach - Jump Start, Inc.'s Stark Community Impact Program

REPRESENTATIVE TECHNICAL CONSULTING AND/OR EXPERT WITNESS MATTERS

Sindok v. Genesys

Midwest Air Technologies, Inc, Plaintiff. v. The United States, Defendant

Covves, Plaintiff v. Target, Defendant

Mohawk Gaming Enterprises LLC, v. Sci. Games Corp. et al

Casino Queen Inc, et al. v. Sci Games Corp. et al.

Universal Entertainment Corporation v. Aruze Gaming America, Inc.; Kazuo Okada

Dieold Nixdorf v. International Trade Commission

JWXP - REPRESENTATIVE US AND GLOBAL PATENTS AND PATENT APPLICATIONS - JWXP

Material dispenser and notification system

Patent number: 11031131

Abstract: A system for medicine dosage compliance may comprise a dispensing component that provides for medicine to be dispensed based at least upon authorized identification of a user and a secondary authorizer. The dispensing component may comprise an identity authentication component that automatically authenticates an identity of the user and the secondary authorizer at the time of a dispensing event. The system may further comprise a communication component providing one or more notifications to one or more third parties. The communication component may comprise a wireless personal area networking component that sets up a local networking connection between the dispensing component and a local device to share data between the dispensing component and a local device. The local device may communicatively be coupled to a remote network component. A notification component may generate notification information of the dispensing event for one or more third parties.

Type: Grant

Filed: November 13, 2018

Date of Patent: June 8, 2021

Assignee: FIRST ENERGY CORP.

Inventors: Dennis Marshall Chack, Brett William Reynolds, Michele Domiano Jones, Amanda Marie Kidder, Timothy William Wechter, David Lynn Griffing, Lauren Rae Lucas, Josh Ryan Schulte, Cheryl Ann Brubaker-Schaub, Kenneth Michael Burns, James Thomas Petroski, Benjamin Back Rose, Carl Anthony Shotwell, William Bagnal Timms, III, Jon Eric Washington

MATERIAL DISPENSER AND NOTIFICATION SYSTEM

Publication number: 20190080792

Abstract: A system for medicine dosage compliance may comprise a dispensing component that provides for medicine to be dispensed based at least upon authorized identification of a user and a secondary authorizer. The dispensing component may comprise an identity authentication component that automatically authenticates an identity of the user and the secondary authorizer at the time of a dispensing event. The system may further comprise a communication component providing one or more notifications to one or more third parties. The communication component may comprise a wireless personal area networking component that sets up a local networking connection between the dispensing component and a local device to share data between the dispensing component and a local device. The local device may communicatively be coupled to a remote network component. A notification component may generate notification information of the dispensing event for one or more third parties.

Type: Application

Filed: November 13, 2018

Publication date: March 14, 2019

Applicant: First Energy Ventures Corp.

Inventors: Dennis Marshall Chack, Brett William Reynolds, Michele Domiano Jones, Amanda Marie Kidder, Timothy William Wechter, David Lynn Griffing, Lauren Rae Lucas, Josh Ryan Schulte, Cheryl Ann Brubaker-Schaub, Kenneth Michael Burns, James Thomas Petroski, Benjamin Back Rose, Carl Anthony Shotwell, William Bagnal Timms, III, Jon Eric Washington

Material dispenser and notification system

Patent number: 10127360

Abstract: A system for medicine dosage compliance may comprise a dispensing component that provides for medicine to be dispensed based at least upon authorized identification of a user and a secondary authorizer. The dispensing component may comprise an identity authentication component that automatically authenticates an identity of the user and the secondary authorizer at the time of a dispensing event. The system may further comprise a communication component providing one or more notifications to one or more third parties. The communication component may comprise a wireless personal area networking component that sets up a local networking connection between the dispensing component and a local device to share data between the dispensing component and a local device. The local device may communicatively be coupled to a remote network component. A notification component may generate notification information of the dispensing event for one or more third parties.

Type: Grant

Filed: April 11, 2017

Date of Patent: November 13, 2018

Assignee: FirstEnergy Ventures Corp.

Inventors: Dennis Marshall Chack, Brett William Reynolds, Michele Domiano Jones, Amanda Marie Kidder, Timothy William Wechter, David Lynn Griffing, Lauren Rae Lucas, Josh Ryan Schulte, Cheryl Ann Brubaker-Schaub, Kenneth Michael Burns, James Thomas Petroski, Benjamin Back Rose, Carl Anthony Shotwell, William Bagnal Timms, III, Jon Eric Washington

Automated banking machine currency cassette with RFID tag

Patent number: 8052044

Abstract: An ATM currency cassette includes an RFID tag. The tag includes information about the cassette, such as the cassette serial number and the currency denomination. An ATM includes a tag reader that can interrogate the tag to receive the information. The history of a particular cassette can be tracked via the cassette serial number. Problem cassettes can be identified.

Type: Grant

Filed: October 20, 2008

Date of Patent: November 8, 2011

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon J. Blackford, H. Thomas Graef

AUTOMATED BANKING MACHINE CURRENCY CASSETTE WITH RFID TAG

Publication number: 20090084841

Abstract: An ATM currency cassette includes an RFID tag. The tag includes information about the cassette, such as the cassette serial number and the currency denomination. An ATM includes a tag reader that can interrogate the tag to receive the information. The history of a particular cassette can be tracked via the cassette serial number. Problem cassettes can be identified.

Type: Application

Filed: October 20, 2008

Publication date: April 2, 2009

Applicant: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon J. Blackford, H. Thomas Graef

[Automated banking machine currency cassette with RFID tag](#)

Patent number: 7438221

Abstract: An ATM currency cassette includes an RFID tag. The tag includes information about the cassette, such as the cassette serial number and the currency denomination. An ATM includes a tag reader that can interrogate the tag to receive the information. The history of a particular cassette can be tracked via the cassette serial number. Problem cassettes can be identified.

Type: Grant

Filed: May 24, 2007

Date of Patent: October 21, 2008

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon J. Blackford, H. Thomas Graef

[ATM cassette adjustable to hold different sized currency](#)

Patent number: 7309005

Abstract: An ATM currency cassette is adjustable to hold currency of different heights. An assembly is removably connected to the inside of the cassette lid. With the lid in the closed position the currency is maintained in a proper position by the assembly. The assembly is adjustable to achieve different spacing arrangements. The cassette can hold a first sized currency with a first spacing arrangement and a second sized currency with a second spacing arrangement.

Type: Grant

Filed: February 27, 2004

Date of Patent: December 18, 2007

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer, H. Thomas Graef

[Check accepting and cash dispensing automated banking machine](#)

Publication number: 20070278287

Abstract: An automated banking machine that is activated responsive to data read from user cards which accepts checks and dispense cash to users. The automatic banking machine is operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the automatic banking machine in exchange for a deposited check. The automatic banking machine dispenses cash responsive to communications with a transaction host.

Type: Application

Filed: August 13, 2007

Publication date: December 6, 2007

Applicant: Diebold, Incorporated

Inventors: Thomas Vankirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Automated banking machine currency cassette with RFID tag](#)

Publication number: 20070228152

Abstract: An ATM currency cassette includes an RFID tag. The tag includes information about the cassette, such as the cassette serial number and the currency denomination. An ATM includes a tag reader that can interrogate the tag to receive the information. The history of a particular cassette can be tracked via the cassette serial number. Problem cassettes can be identified.

Type: Application

Filed: May 24, 2007

Publication date: October 4, 2007

Applicant: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon Blackford, H. Graef

[Check accepting and cash dispensing automated banking machine](#)

Publication number: 20070215692

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: April 26, 2007

Publication date: September 20, 2007

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Reject bin having separated storage areas for diverted and retracted currency notes](#)

Patent number: 7121461

Abstract: A reject cassette can commonly receive and separately store both diverted and retracted currency notes. The reject cassette includes a diverted note storage area and a retracted note storage area. The diverted note storage area receives notes deemed unpresentable to a customer. The retracted note storage area receives previously presented notes that were left by a customer. A movable partition directs the notes to the appropriate storage area.

Type: Grant

Filed: February 27, 2004

Date of Patent: October 17, 2006

Assignee: DieBold Self-Service Systems, division of DieBold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer, Douglas Dominick, Thomas A. VanKirk, Damon J. Blackford, H. Thomas Graef

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202015

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202019

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202016

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202021

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202017

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

· [**Check accepting and cash dispensing automated banking machine system and method**](#)

Publication number: 20060202014

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such

checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060202013

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brain Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060202020

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060202023

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060202018

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas Vankirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060202022

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: September 14, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner

[Check accepting and cash dispensing automated banking machine system and method](#)

Publication number: 20060144923

Abstract: An automated banking machine system and method includes ATMs which accept checks and dispense cash to users. The ATMs are operated to acquire image and magnetic data from deposited checks to determine the genuineness of checks and the authority of a user to receive cash for such checks. Cash may be dispensed to the user from the ATM in exchange for the deposited check. The ATMs dispense cash responsive to communications with a transaction host.

Type: Application

Filed: March 8, 2006

Publication date: July 6, 2006

Applicant: Diebold, Incorporated

Inventors: Thomas VanKirk, Jon Washington, Brian Jones, William Beskitt, Harry Graef, David Peters, Damon Blackford, Dale Blackson, Edward Laskowski, Songtao Ma, Tim Crews, Wayne Warren, Martin Brown, Todd Galloway, Kenneth Turocy, Douglas Dominick, Jasen Smolk, Brian Lucas, Bradley Lightner, James Meek, Robert Barnett, Mike Ryan, James Kay, Mark Ward, Victor Bell, William McCarthy, Matthew Pahl, Keith Carpenter, Laura Drozda

[ATM currency cassette with electronic combination lock](#)

Patent number: 7070111

Abstract: An ATM currency cassette includes an electronic lock control. The lock control includes a keypad. A combination can be entered into the keypad to unlock the cassette. The lock control is programmable to enable changing of the combination via the keypad.

Type: Grant

Filed: February 27, 2004

Date of Patent: July 4, 2006

Assignee: Diebold Self-Service Systems, a division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Paul D. Magee, David A. Barker

[ATM network with cash management arrangement](#)

Patent number: 7000832

Abstract: An ATM network includes a plurality of ATMs. Each ATM can determine the amount of currency in its currency cassettes. The network can track the amount of currency therein. The information can be provided in real time, enabling a network operator to provide efficient currency management.

Type: Grant

Filed: February 27, 2004

Date of Patent: February 21, 2006

Assignee: Diebold Self-Service Systems

Inventors: Jon Washington, Eric VanKeulen, Paul D. Magee, Songtao Ma, Kenneth Turocy, David A. Barker, Dale Blackson

[ATM cassette with self-locking media directing guide](#)

Patent number: 6997377

Abstract: An ATM media cassette includes a self-locking arrangement for a media directing guide. The guide is automatically placed in a locked condition during removal of the cassette from an ATM. The guide is automatically unlocked during reinsertion of the cassette into the ATM. The self-locking arrangement enables the guide to be locked during transport.

Type: Grant

Filed: February 27, 2004

Date of Patent: February 14, 2006

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer

[ATM currency cassette with RFID tag](#)

Patent number: 6976634

Abstract: An ATM currency cassette includes an RFID tag. The tag includes information about the cassette, such as the cassette serial number and the currency denomination. An ATM includes a tag reader that can interrogate the tag to receive the information. The history of a particular cassette can be tracked via the cassette serial number. Problem cassettes can be identified.

Type: Grant

Filed: February 27, 2004

Date of Patent: December 20, 2005

Assignee: Diebold Self-Service Systems, division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon J. Blackford, H. Thomas Graef

[ATM currency cassette with currency-low indicator lock arrangement](#)

Patent number: 6948655

Abstract: An ATM currency cassette includes a currency-low indicator mechanism. The indicator mechanism can be held in a locked position during cassette handling and transport. The indicator mechanism can be automatically locked during removal of the cassette from an ATM; automatically unlocked during opening of the cassette lid; automatically locked during closing of the cassette lid; and automatically unlocked during insertion of the cassette into an ATM. With the lid open, the cassette can be replenished with currency. The locking and unlocking can be controlled by both a cassette tambour door and the cassette lid. The locking arrangement can reduce service calls due to the currency-low indicator mechanism tripping prematurely.

Type: Grant

Filed: February 27, 2004

Date of Patent: September 27, 2005

Assignee: Diebold Self-Service Systems

Inventors: Jon Washington, Eric VanKeulen, Jeffrey Eastman

[ATM currency cassette arrangement](#)

Patent number: 6935558

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the

button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Grant

Filed: December 30, 2003

Date of Patent: August 30, 2005

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Jeff Geither, Paul D. Magee, Randall Jenkins, David A. Barker, H. Thomas Graef

[**ATM currency cassette with currency level indicator arrangement**](#)

Patent number: 6918483

Abstract: An ATM currency cassette includes a low currency indicator arrangement (238). A push plate (242) is biased to push currency toward an exit end of the cassette. An adjustable trip pin (240) can be removably positioned at different trip settings on the push plate (242). As currency is depleted, the push plate moves the trip pin therewith. The trip pin (240) can eventually trip a trip lever (244) to cause the indication of a low currency condition in the cassette. The ability of the trip pin to be adjustably positioned enables the low currency setting to be finely adjusted.

Type: Grant

Filed: February 27, 2004

Date of Patent: July 19, 2005

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen

[**ATM cassette with currency overload prevention**](#)

Patent number: 6913192

Abstract: An ATM currency cassette with a currency overload prevention arrangement. The cassette includes a currency stack push plate having a flexible arm. The arm becomes flexed by currency pressing against it due to an overloaded condition. The cassette lid includes a rib. The rib engages the flexed arm during closing of the lid to prevent full closure of the lid. With the lid prevented from closure, the currency loader can become aware of the overloaded situation and remove excess currency from the cassette.

Type: Grant

Filed: February 27, 2004

Date of Patent: July 5, 2005

Assignee: Diebold Self-Service Systems division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, H. Thomas Graef, Jeffrey Eastman

[**ATM cassette adjustable to hold different sized currency**](#)

Publication number: 20040205024

Abstract: An ATM currency cassette is adjustable to hold currency of different heights. An assembly is removably connected to the inside of the cassette lid. With the lid in the closed position the currency is maintained in a proper position by the assembly. The assembly is adjustable to achieve different spacing arrangements. The cassette can hold a first sized currency with a first spacing arrangement and a second sized currency with a second spacing arrangement.

Type: Application

Filed: February 27, 2004

Publication date: October 14, 2004

Applicant: Diebold Self-Service Systems, Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer, H. Thomas Graef

[**ATM cassette with self-locking media directing guide**](#)

Publication number: 20040195302

Abstract: An ATM media cassette includes a self-locking arrangement for a media directing guide. The guide is automatically placed in a locked condition during removal of the cassette from an ATM. The guide is automatically unlocked during reinsertion of the cassette into the ATM. The self-locking arrangement enables the guide to be locked during transport.

Type: Application

Filed: February 27, 2004

Publication date: October 7, 2004

Applicant: Diebold Self-Service Systems Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer

[**Reject bin having separated storage areas for diverted and retracted currency notes**](#)

Publication number: 20040188921

Abstract: A reject cassette can commonly receive and separately store both diverted and retracted currency notes. The reject cassette includes a diverted note storage area and a retracted note storage area. The diverted note storage area receives notes deemed unpresentable to a customer. The retracted note storage area receives previously presented notes that were left by a customer. A movable partition directs the notes to the appropriate storage area.

Type: Application

Filed: February 27, 2004

Publication date: September 30, 2004

Applicant: Diebold Self-Service Systems Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Gregory Spicer, Douglas Dominick, Thomas A. VanKirk, Damon J. Blackford, H. Thomas Graef

[**ATM currency cassette arrangement**](#)

Publication number: 20040188920

Abstract: An ATM currency cassette includes a low currency indicator arrangement (238). A push plate (242) is biased to push currency toward an exit end of the cassette. An adjustable trip pin (240) can be removably positioned at different trip settings on the push plate (242). As currency is depleted the push plate moves the trip pin therewith. The trip pin (240) can eventually trip a trip lever (244) to cause the indication of a low currency condition in the cassette. The ability of the trip pin to be adjustably positioned enables the low currency setting to be finely adjusted.

Type: Application

Filed: February 27, 2004

Publication date: September 30, 2004
Applicant: Diebold Self-Service Systems Division of Diebold, Incorporated
Inventors: Jon Washington, Eric VanKeulen

[ATM currency cassette arrangement](#)

Publication number: 20040173672

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: December 30, 2003

Publication date: September 9, 2004

Applicant: Diebold Self-Service Systems

Inventors: Jon Washington, Eric VanKeulen, Jeff Geither, Paul D. Magee, Randall Jenkins, David A. Barker, H. Thomas Graef

[ATM currency cassette with currency-low indicator lock arrangement](#)

Publication number: 20040169074

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: February 27, 2004

Publication date: September 2, 2004

Applicant: Diebold Self-Service Systems, Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Jeffrey Eastman

[ATM currency cassette with RFID tag](#)

Publication number: 20040169075

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: February 27, 2004

Publication date: September 2, 2004

Applicant: Diebold Self-Service Systems, Division of Diebold, Incorporated

Inventors: Jon Washington, Songtao Ma, Kenneth Turocy, Damon J. Blackford, H. Thomas Graef

[ATM currency cassette arrangement](#)

Publication number: 20040172730

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: February 27, 2004

Publication date: September 2, 2004

Applicant: Diebold Self-Service System

Inventors: Jon Washington, Eric Vankeulen, H. Thomas Graef, Jeffrey Eastman

[ATM network with cash management arrangement](#)

Publication number: 20040164167

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: February 27, 2004

Publication date: August 26, 2004

Applicant: Diebold Self-Service Systems Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Paul D. Magee, Songtao Ma, Kenneth Turocy, David A. Barker, Dale Blackson

[ATM currency cassette with electronic combination lock](#)

Publication number: 20040164168

Abstract: An ATM currency cassette (208) includes a plurality of movable cassette information indicator buttons (214). Each button can be rotated about an axis for repositioning. The buttons can be axially moved outward and inward relative to the cassette housing (210) by rotation thereof. Different axial arrangements of the buttons represent respective different characteristics of cassette content. The cassette can be inserted into an ATM where the

button positions can be read by the ATM. The cassette enables unused buttons to remain therewith and also permits a button arrangement to be changed without requiring opening of the cassette.

Type: Application

Filed: February 27, 2004

Publication date: August 26, 2004

Applicant: Diebold Self-Service Systems Division of Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Paul D. Magee, David A. Barker

[**Media cassette for use in an automated banking machine**](#)

Patent number: D482177

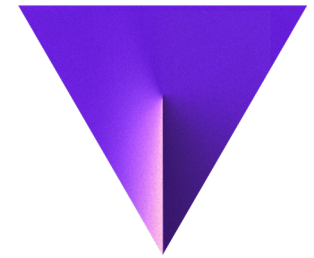
Type: Grant

Filed: March 10, 2003

Date of Patent: November 11, 2003

Assignee: Diebold Self Service Systems, division of a Diebold, Incorporated

Inventors: Jon Washington, Eric VanKeulen, Dave Barker, Paul D. Magee



THIS IS TO CERTIFY THAT

Jon E. Washington

HAS BEEN FORMALLY EVALUATED FOR DEMONSTRATED EXPERIENCE, KNOWLEDGE AND PERFORMANCE IN
ACHIEVING AN ORGANIZATIONAL OBJECTIVE THROUGH DEFINING AND OVERSEEING PROJECTS AND
RESOURCES AND IS HEREBY BESTOWED THE GLOBAL PROFESSIONAL CERTIFICATION

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A handwritten signature in black ink, reading 'Ike Nwankwo'.

Ike Nwankwo, PMP | Chair, Board of Directors



A handwritten signature in black ink, reading 'Pierre Le Manh'.

Pierre Le Manh | President & CEO

Certification Number: 67402

Original Grant Date: 27 May 2003

Expiration Date: 27 May 2028

