John F. Bourgein – CV

Summary

Mr. Bourgein has over twenty years of extensive experience working in the information technology and security systems technology industries. His experience includes significant responsibilities and accomplishments in R&D, Engineering, and Product Development; as well as, the marketing and financial planning and management of technology research. He has executive management experience at international corporations as well as start-ups; and, has co-founded a number of technology companies.

Mr. Bourgein holds an MBA from Columbia University and is also a qualified Chartered Accountant in the UK with an emphasis on auditing. He has: performed patent litigation claims analysis for a leading law firm; patent strategy development for a leading encryption engine vendor; and developed the technology concept, researched, wrote and filed a utility patent for MEMS based emissions and fuel efficiency control systems in the energy industry. The patent was issued on February 2010.

Expertise

- Business and Technology Development & Strategy
- Digital Motion Sensing
- Financial Analysis
- MEMS Sensor System Integration
- Program & Project Management
- Risk Assessment (including Basel II)
- Sarbanes-Oxley & Corporate Governance
- Security Technology: Encryption, Biometrics, Smart Cards, PKI, Platform Security (Trusted Platform Module), Systems Integration, Security and Privacy Policy
- MEMS sensors: Gyroscopes, Accelerometers, Magnetometers, MEMS interferometers
- Pharmaceutical manufacturing, Rapid Transfer Port (RTP) systems for fill lines

Education

Year	College or University	Degree
1970	Columbia University, New York	M.B.A., Anheuser-Busch Marketing Fellow
1966	Chartered Accountant, London, U.K.	A.C.A.

Professional Experience

From:	2011
To:	Present
Organization:	STTPharma Inc. (Orinda, CA)
Title:	Co-Founder, CEO
Summary:	Formed to bring a very innovative new technology to pharmaceutical manufacturing markets. In discussions with two world leaders in the field.

From:	1987
To:	Present
Organization:	Image Management Associates (Consulting)

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Title:	Founder and President
Summary of clients and services:	▪ Corporate consulting, systems development and integration. Clients have included:

- o Leading patent law firm. Claims analysis for security patents
- o Photonics Development Company – sale of patent portfolio.
- o Nalco – World leader in water and air process improvement
- o Enova Technology – digital storage real time encryption
- o Philips Semiconductors – Wireless modules (AMPS/CDPD)

▪ Development of a very high integrity, highly secure, anonymous, financial record control system using continuous monitoring based on business rules and control mechanisms such as Role Based Access Control (RBAC).

▪ Researched and developed technology for digital motion sensing systems in the sports and entertainment (interactive gaming) industries.

▪ Developed the technology concept, researched, wrote and filed utility patent for a MEMs based emissions and fuel efficiency control system in the energy industry.

▪ Two leading hardware encryption technology companies. Products include full disk encryption (FDE) technology. Included patent analysis for a defensive position, and developing a patent strategy for an offensive position. Also included business development based on unique technological capabilities including a design win to the leading video game console vendor.

▪ DOD – Designed and developed a digital automated job information system.

▪ US Navy – Designed and developed digital document archiving system.

From:	2001
To:	2003
Organization:	Carnegie Mellon University
Title:	Executive Director, Security and Sustainability Research Workshop Series
Summary:	▪ Responsible for managing a series of workshops dealing with sustainable computing issues such as platform and system security, system reliability including metrics, and risk management. Consortium members included HP, Microsoft, General Motors, Oracle, Boeing, Cisco, FedEx, Seagate, AIG, Merck.

▪ Developed proposal for a US States CERT (DoD Computer Emergency Response Team), and overall workshop technical program. Program speakers included Howard Dean, Governor Mark Schweiker of Pennsylvania, and Mozelle Thompson, FTC Commissioner. The program dealt with policy and legislative issues and Homeland Security.

From:	2000
To:	2001
Organization:	Phoenix Technologies, Ltd.
Title:	Vice President, Security Products and Services
Summary:	▪ Recruited to develop products and security service business strategy for the PC BIOS market leader. Phoenix developed the most convenient, secure, and cost effective platform authentication system. The technology was sold to a leader in security technology.

▪ Contributor to "monetizing the desktop" strategy, over 300 million installed base.

▪ Developed Phoenix Platform Security mission as security infrastructure technology

provider.

- Business development with leading wireless platform security providers such Funk Software to incorporate platform identification at the session level.
- Managed team of cryptography and technical development professionals.
- Drove development of best of breed 2 factor platform authentication product.
- Defined core device authentication technology development goals.

From:	1999
To:	2000
Organization:	Ethentica, Inc.
Title:	Director, Business Development
Summary:	

- Ethentica is a provider of Internet security infrastructure enabling products integrating biometrics, tokens, smart cards, and PKI.
- Developed new business opportunities and markets on a worldwide basis including "biometrics as convenience" concept with a Nobel Prize winner.

From:	1996
To:	1998
Organization:	eCOMdirect, Inc.
Title:	Co-Founder
Summary:	eCOMdirect developed an Internet based IT facilities service provider technology for small business providing very cost effective, robust, and secure IT services.

- Developed business plan
- Provided unsurpassed TCO metrics. Pilot program reduced IT costs 60% in under three years at major US Navy facility. A Texas HMO experienced similar savings with only three help desk calls over two years.
- Developed an SBIR proposal to integrate WorkFlow Management with LDAP and RBAC to facilitate on the fly business process management as a menu item within MS Windows.

From:	1994
To:	1996
Organization:	Philips Semiconductors, Sunnyvale, CA
Summary:	International Marketing Manager, Touch Screen Technologies

- Managed a cross-functional team of 14 with an annual budget of $3.2 million.
- Developed CMOS .5 micron, mixed signal, single chip intelligent surface controller.
- Raised $3 million to spin-off technology
- Responsible for business plan, budgets, and financial control
- Achieved design-ins with major Japanese customer for $20+ million

Marketing Manager, Edgewood AMPS/GPRS Wireless Modules

- Initially hired as consultant with goal of taking the technology private through venture funding. Managed PCMCIA form factor AMPS/CDPD (now GPRS) wireless technology. Sold business to a Japanese corporation.
- Strategic positioning, relationships, marketing, and business development
- Strategic partnership with Bell South on their Cellemetry technology

- ▪ Negotiated the technology sale and transfer to a Japanese corporation

From: 1989
To: 1992
Organization: Windows Conference and Exhibition (Emeryville, CA)
Title: Co-founder and Conference Director
Summary:
- ▪ Identified the opportunity and founded the first Microsoft Windows trade show and conference in December 1989.
- ▪ Involvement in all aspects of the business and was responsible for focusing the conference on corporate Windows users.
- ▪ Conference program - 1000+ attendees
- ▪ Achieved revenues of $3 million in first year with high profitability

From: 1987
To: 1989
Organization: UpStart Corporation (Emeryville, CA)
Title: Co-Founder, CEO
Summary: Formed to bring the Apple Mac experience to the IBM PC. Co-founder was Lee Felsenstein, designer of the Osborne Computer, the first portable computer.

Prior to 1987, Mr. Bourgein founded companies that developed product, managed production, and marketed consumer products in Europe and the US with production in India and the Philippines.