Qwyit Assets

I. Patents

1. U.S. Patent No. 11,711,364 “Fast Unbreakable Cipher”
2. U.S. Patent No. 11,711,365 “Integrated Circuit Performing Fast Unbreakable Cipher”
3. U.S. Patent No. 10,924,278 “Method And Apparatus For Authentication And Encryption Service Employing Unbreakable Encryption”
4. U.S. Patent No. 10,498,714 “Method And System For Authentication Over A Public Network Using Multiple Out-of Band Communications Channels To Send Keys”
5. U.S. Patent No. 9,374,347 “Method And System For Authentication Over A Public Network Using Multiple Out-of-band Communications Channels To Send Keys”
6. U.S. Patent No. 8,649,520 “Method And System For Establishing Real-time Trust In A Public Network”
7. U.S. Patent No. 8,144,875 “Method And System For Establishing Real-time Authenticated And Secured Communications Channels In A Public Network”
8. U.S. Patent No. 8,144,874 “Method For Obtaining Key For Use In Secure Communications Over A Network And Apparatus For Providing Same”
9. U.S. Patent No. 7,899,185 “Real Privacy Management Authentication System”
10. U.S. Patent No. 6,445,797 “Method And System For Performing Secure Electronic Digital Streaming”
11. U.S. Patent No. 6,058,189 “Method And System For Performing Secure Electronic Monetary Transactions”
12. U.S. Patent No. 6,002,769 “Method And System For Performing Secure Electronic Messaging”

II. Patent Applications

1. U.S. Patent Application No. 17/196,640 “Participant-Managed, Independent-Trust Authentication Service For Secure Messaging” (10/4/23 notice of allowance receipt)
2. U.S. Patent Application No. 17/165,082 “Method and Apparatus For Authentication and Encryption Service Employing Unbreakable Encryption”
3. U.S. Patent Application No. 16/295,560 “Method and Apparatus For Credit Transaction Employing Unbreakable Encryption”

III. Trademarks

1. U.S. Trademark No. 4,618,852 “Q Logo”
2. U.S. Trademark No. 4,618,824 “Qwyit”

IV. White Papers

1. 40+ Overviews, comparisons, cryptographic descriptions, technology descriptions, installation guides, marketing and sales materials

V. Website (www.qwyit.com)

VI. Products

1. *QFone* – Secure Video Calls: Honestly Private End-to-End Security
2. *OpenVPN* – Embedded Qwyit Encryption Version

VII. FPGA Hardware Prototype/Demonstration

1. Video Encryption Demo - Verilog Code, 256-bit 1-Cycle speed benchmark

VIII. Software, H/W and Firmware Code

1. Current Qwyit Reference Toolkits
    i. C/C++
    ii. Java
    iii. Verilog/VHDL
2. Several Past Prototypes (<2015) – Implementation Ease Examples
    i. SSL/TLS Firefox implementation
    ii. Radio Communication Encryption
    iii. bPositive Web filter
    iv. NOXX - sSMS/eMail Protocol Application
    v. TCP2 w/Qwyit

IX. Reference Presentation/Description/Implementation Guides for Additional Market Tech Products/Processes (Ready for Patent Application submission)

1. *QTalk* – Core Qwyit platform: Security As A Service
2. *QStore* – Real Time ownership of participant data externally stored
3. *QCard* – Perfect Security on a credit card/card transaction, performed on the 'old mag stripe card' (No Chip Cards, No fraud, No card replication)
4. *QCash* – Future of Retail Credit Transactions: No cards, No readers – Digital $

X. Independent Validation and Verification

1. Dr. Alan Sherman (2005)
2. Dr. Tanaka (2007)
3. Dr. Giovanni Di Crescenzo/Telcordia/RS Corp (2010)
4. NIST Lightweight Cryptography Workshop (2015)

XI. Technology Leadership

1. Paul McGough – Inventor/Security Systems Expert
2. Michael Fortkort – Co-Founder/Legal/Qwyit Systems Implementation Expert

XII. Consultants – Several for all Qwyit Market/Product/Implementation aspects/potential