

Siamak Arya Consulting is offering over thirty years of experience in SSD, system and processor architecture and design, and performance analysis to consult in the following patent areas.

Areas of expertise include:

- **Solid State Drive**
  - High Performance Enterprise and Embedded SSD architecture design; hardware and firmware
  - Performance improvement
  - Design review
- **System**
  - Architecture design and analysis; multi and parallel processing, memory system, etc
- **Expert witness**
  - Claim construction, general investigation, patent evaluation, ...
- **Processors**
  - Architecture, micro-architecture, instruction set, data path, simulators, performance analysis, etc.
  - Strategies, Structures, Policies: Cache, Pipeline, Instruction issue, etc.
  - General and special purpose processors.
  - VLIW, Superscalar, Vector, SIMD
- **System Performance analysis**
  - Metrics and workload specification and development
  - Performance analysis for system, system components, or application improvement
  - Algorithm and application analysis and performance improvement and projection
  - Bandwidth and throughput analysis and projection
- **Applications areas**
  - Scientific and number crunching, consumer, video, and DSP.

I hold thirteen US patents and have a number of publications

Please contact me if I can be of any help to you or your company. Referrals are appreciated.

Siamak Arya Consulting