

For Chris A. Riggio / PowerSupplyDesign

Activity 2002 to Present

Started PowerSupplyDesign, a home based lab for the purpose of developing, filing, and promoting new power related IP.

Completed and ongoing projects include:

Filed and assigned two thyristor control technologies (Load Factor Controller and Ideal voltage controller). Patents, 5,329,223 issued 7-12-1994 and 5,444,359 issued 8-22-1995.

Filed and assigned patents, 6,272,025 issued 8-7-2001, 6,493,242 issued 12-10-2002, 6,507,501 issued 1-14-2003, 6,504,423 issued 1-7-2003, and 6,567,281 issued 5-20-2003 pertaining to high efficiency, high density, power supply and conversion art.

Tech support consulting services for OnlinePowerSupply Inc.

Measurement, data collection and report services for Ron Hall (Metatron Technology™Products).

Power design consulting for Hybrids Plus Inc. of Boulder Colorado.

A new IP filing in the AC control art.

Joint project with Magswitch Technology Inc.

Ongoing work on new hyper efficient converter processes.

Capabilities include:

- Power electronics spec design
- Signal processing
- Test and measurement services
- Diagnostics
- Data acquisition
- Experimental circuit design
- Computer and software services
- Report generation
- Intellectual property services