

UTRON

"Advancing Technologies for Energy and Defense"

Manassas, VA

Story

For over 20 years, UTRON has been actively engaged in the research and develop of new materials to provide advanced technological innovations in the energy and defense industries. Pioneering the development and application of hypervelocity mass launchers, pulsed energy systems, and pulsed plasma drivers, UTRON has developed a set of processes that offer revolutionary improvement in technologies now used by industry, as well as government entities such as the US National Aeronautics and Space Administration, Department of Energy, National Science Foundation, and Department of Defense.

With the US government's new emphasis on commercialization of defense technologies, UTRON is well positioned to apply its strong background in hypervelocity gun research and associated core technologies, such as pulsed power, plasma discharges and high-pressure engineering to several exciting commercial possibilities.

How IP makes the difference

Being able to rely on effective intellectual property protection makes it possible for UTRON to invest in the research and development needed to invent new security technologies meeting the needs of government and industry. IP protection helps UTRON build its business while also spurring advancements in technologies that help to keep the world a safer place.

*Senators: Mark R. Warner (D) and Jim Webb (D)
Congressional District: Frank R. Wolf (R), Virginia 10th*

UTRON At a Glance:

- 50 employees
- 6 patents
- 5 patents pending
- In 2006, UTRON developed a new high-pressure, compaction process called combustion-driven compaction (CDC) to create high-density ceramic parts for applications in defense, energy and other commercial markets.

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