

How eCoupled Technology Works

eCoupled technology uses inductive coupling to wirelessly power any electrical device. From laptop computers to cellular phones to power tools, eCoupled technology uses a virtual power circuit to connect eCoupled-enabled surfaces to eCoupled electrical devices.

Primary coils placed in an eCoupled surface transfer power to secondary coils in the electrical device, wirelessly charging the device. This technology eliminates the need for power cords and battery chargers.

Wireless power is a proven technology developed by Fulton Innovation. Fulton Innovation uses eCoupled technology in its eSpring water filtration system, which has been on the market for over six years with more than 1.5 million devices sold in 36 countries.

Leggett & Platt's Application of eCoupled Technology

As the low- and medium-power primary charging supplier of eCoupled technology, Leggett's eDrive (pending) is the energy source inside eCoupled-enabled surfaces that charge products. This technology is designed to increase efficiency by reducing time lost to off-site and home charging.

Leggett's eCoupled Products Include:

Automotive Applications:

- Computer Cradle (for use with laptops)
- Center Console Pocket (for use with flashlights and cell phones)
- Van Interior Shelving Systems (for use with power tools)

**Leggett's eCoupled products will be available in the second quarter of 2009*

Leggett's eCoupled Prototypes Include:

Residential and Industrial Applications:

- Ergonomic Work Bench (for use with power tools, laptops, cell phones and flashlights)
- Home Theater Seating (for use with cell phones and remote controls)
- Night Stand/End Table (for use with cell phones, laptops and flashlights)

Benefits of Wireless Mobile Power

EFFICIENT: Transfers power at greater than 98% efficiency and charges devices on the road saving both time and energy

CONVIENENT: Eliminates the need for portable charging devices and battery chargers

SAFE: Reduces the risk of electrical shock because there are no electrical outlets and no metal prongs between the charging surface and the eCoupled device. It also offers devices protection from electrical surges.

More Information

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