



For Immediate Release

AMBIENT ANNOUNCES AWARD OF NEWEST PATENT TO ITS PORTFOLIO

Six New Claims Awarded on Inductive Coupling Technology

Boston, MA, June 1, 2005 - Ambient Corporation (OTCBB: ABTG), a leader in Broadband over Power Lines (BPL) solutions, announced today the addition of its fifth and newest patent to its growing patent portfolio. The U.S. Patent and Trademark Office issued Patent Number 6,897,764, 'Inductive Coupling of a Data Signal for a Power Transmission Cable.'

A distribution transformer is an obstacle to the utilization of an existing electrical distribution system for high-speed data communications. Ambient's Patent Number 6,452,482, issued in September 2002, covers the coupling of data signals to power transmission cables, so as to bypass distribution transformers.

The newly granted Patent Number 6,897,764 is a continuation of Patent Number 6,452,482. In accordance with the new claims awarded, Ambient's inductive coupling technology is well-suited for connecting and extending backhaul data connections on medium voltage utility lines.

"This new patent is a significant addition to our existing patent portfolio. The new claims facilitate and augment the implementation of many important network topologies for distributing high speed backhaul feeds throughout a utility's grid system," noted inventor Dr. Yehuda Cern, Ambient's Chief Engineer.

The actual patent claims can be viewed on the United States Patent and Trademark Office website (www.uspto.gov).

About Ambient Corporation

Ambient Corporation (OTC BB: ABTG) is a development stage company engaged in the design, development and marketing of equipment and technologies that utilize existing electrical power medium voltage and low voltage distribution lines as a medium for the delivery of broadband and other communication services. The use of an electric power distribution system as a high-speed communication medium is commonly referred to as "power line communications" or "broadband over power lines." Visit Ambient at www.ambientcorp.com.

This press release may contain forward-looking statements that involve risks and uncertainties. These statements may differ materially from actual future events or results. Readers are referred to the documents filed by Ambient Corporation with the SEC, including the company's most recent report on Form 10-KSB and 10-QSB, which identify important risk factors that could cause actual results to differ from those contained in the forward-looking statements. Ambient is a trademark of Ambient Corporation registered in the U.S. Patent and Trademark Office.

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