



For Immediate Release

AMBIENT ANNOUNCES AWARD OF NEWEST PATENT TO ITS PORTFOLIO

Boston, MA, January 18, 2005 - Ambient Corporation (OTCBB: ABTG), a leader in Power Line Communications (PLC), announced today the addition of another patent to its portfolio. The U.S. Patent and Trademark Office has issued Patent Number 6,844,810, 'Arrangement of a Data Coupler for Power Line Communications.'

The patent, the fourth in a growing portfolio, describes a highly efficient low-voltage capacitive data coupler along with a means for improving the performance of medium-voltage inductive couplers.

"This invention is designed to enhance the strength of signals transmitted and received on power lines to improve the quality of communications over those lines," stated the inventor, Dr. Yehuda Cern.

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 us 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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