

Tyfone Receives Additional Patent for Cutting-Edge Mobile Electronic Wallet Technology

Latest patent covers key technologies in Tyfone's suite of award-winning solutions

PORTLAND, Ore. – November 22, 2010 – Tyfone (www.tyfone.com), a global provider of unified mobile money and secure transaction infrastructure for mobile banking, mobile identity management, and mobile contactless NFC payments, today announced the award of its newest patent for the company's innovative mobile electronic wallet technology.

This patent, US 7,828,214, issued on November 9, 2010, entitled "Mobile phone with electronic transaction card" has an effective filing date of February 22, 2005.

Tyfone's patented technology enables the use of a mobile phone having a memory card slot and a memory card compatible with the memory card slot to transmit transaction data to a reader device. The memory card includes circuitry used to produce a time-varying magnetic field that enables a contactless transaction. The circuitry used to produce a time-varying magnetic field may include smartcard circuitry.

"Tyfone recognizes the value of this intellectual property and the hard work that it has taken to continue developing innovative solutions, confirmed by this patent issuance. This patent will uniquely enable solutions that will allow consumers to benefit from the convergence of money and mobility," said Dr. Siva Narendra, chief technology officer at Tyfone. "Our innovations allow financial institutions to provide secure, convenient and holistic solutions, therefore enable a value driven user experience to multiple generations of consumers, whose needs and usage models differ widely. Tyfone's neutral secure commerce solutions are easily implemented and scalable by financial institutions, merchants, account issuers, or network operators. Ensuring security and a positive consumer experience are our guiding principles."

Over the next two years, analysts forecast contactless payment transactions via MicroSD technology will be used by more than 20 million people in North America alone, at thousands of contactless payment terminals already in place. According to a Sept. 2009 forecast by Juniper Research, near-field communications (NFC) contactless payment global gross transaction value is expected to exceed \$30 billion by 2012.

"As recent news from major financial, mobility and computing brands demonstrate, all the stakeholders in financial services and commerce are converging on mobile," said Dr. Narendra. "The NFC and contactless market is heating up now more than ever as handset manufacturers, OS developers, network operators, payment card networks and financial institutions all race to secure a stake in this technology and its direction. Tyfone's innovations include a secure end-to-end mobile money and transaction platform that also provides neutral contactless NFC solutions."

Unlike software-only technologies that refer to their application as an electronic wallet and are limited in functionality and security, Tyfone's platform includes the SideTap™ neutral secure element — thereby creating a digital container and functionality, unavailable in software-only solutions, for securely storing content for a true electronic "wallet." This solution enables any stakeholder to securely manage multiple consumer credit, debit, pre-paid, loyalty, identification, and transportation accounts for use in a wide range of payment and other secure transactions, while maintaining the storage capabilities of existing memory cards that consumers have grown accustomed to.

In the growing contactless payment marketplace, Tyfone's patents, SideTap memory card product, and u4ia® (pronounced euphoria) mobile money and secure transaction platform enable any

commerce stakeholder to bring immediate scale by converting most existing handsets to be NFC ready.

ABOUT TYFONE:

Founded in 2004, Tyfone's corporate headquarters are in Portland, Oregon, and its Asia-Pacific headquarters in Bangalore, India. Tyfone connects money and mobility via a highly secure, scalable and flexible mobile financial services solution tailored to meet the evolving needs of consumers, financial institutions, mobile network operators, transportation companies, and retailers. Operating in any standard memory card slot, Tyfone's u4ia® platform and its companion SideTap™ memory card is the world's first patented, neutral, and comprehensive memory card-based payments solution for mobile contactless payments. Tyfone and its partners enable a suite of services including Mobile Banking, Mobile Identity Management, Mobile Remote Payments, Mobile Retail Services, and Mobile Contactless

Payments. For more information [visit www.tyfone.com](http://www.tyfone.com).

Some names and brands mentioned may be claimed as the property of others. u4ia, Tyfone, and SideTap are trademarks of Tyfone, Inc.