



U.S. Patent No 6,975,878 Claim 11 v. Cantor Gaming eDeck¹

<p>Claim 11</p> <p>A hand held device for interactive audience participation at a live spectator event comprising:</p>	<p>The Cantor Gaming eDeck is a hand held device that allows an audience to participate interactively at live spectator events, such as gambling activities in casinos. For example, spectators may use the eDeck to interactively participate in mobile gaming while attending the casino.</p>	 <p>http://www.cantorgaming.com/products.html</p>
<p>a housing including an electronic display opening;</p>	<p>As seen in the image above, the eDeck is a device comprised of an outer housing with an opening for an electronic display. The eDeck features a large, touchscreen color display.</p>	

¹ The eDeck is used at the M Resort Spa and Casino, the Venetian, and the Palazzo. The eDeck is known as the “Pocket Casino” at the Venetian and the Palazzo. *See generally* <http://www.cantorgaming.com/about.html>.

<p>a local microprocessor being mounted within the housing;</p>	<p>Upon information and belief, the eDeck device has a microprocessor within its housing, which allows the eDeck to perform its various functions, such as displaying images, allowing user input, and wireless capabilities. These functions and features require a microprocessor in order to perform them.</p>	<p>Our <u>state-of-the-art technology</u> allows patrons to play their favorite slot games, video poker and table games as well as proprietary games developed by Cantor Gaming including XtraOdds Blackjack™ and XtraOdds Baccarat™. These new games offer extra propositional bets that <u>dynamically calculate odds</u> based on the cards dealt, giving the opportunity to press or hedge your bets.</p> <p>http://www.cantorgaming.com/about.html</p>
<p>a user interface configured to be employed by a spectator at the live spectator event and comprising a plurality of keys in electrical communication with the microprocessor for manually entering data to the local microprocessor;</p>	<p>The eDeck includes a user interface that consists of a plurality of touchscreen keys, configured to be used by spectators in the casino. Upon information and belief, the keys are in communication with the microprocessor, as the keys direct the microprocessor to initiate a specific action or task.</p>	 <p>Approximate in size to most handheld PDAs, with an intuitive touch-screen interface, eDeck is a lightweight and durable device designed for the new generation of casino customers who are accustomed to multi-tasking and to the freedom and flexibility of mobile technology.</p> <p>http://www.cantorgaming.com/products.html</p>

transceiver means in electrical communication with the local microprocessor for transmitting and receiving data to and from a central processor, and

Upon information and belief, the eDeck device has a transceiver in communication with the device's microprocessor. A user's input from the device's interface, which is communication with the processor, instructs the device to transmit data, such as bets, and receive data, such as current scores, through the receiver. This data is transmitted and received in real time at the casino. As shown in the image to the right, the eDeck's interface shows the current game score and the ability to place bets.



<http://www.cantorgaming.com/products.html>


As explained by Cantor Gaming's chief technology officer, Sunny Tara, the devices themselves are primarily for transmitting to and receiving from the server (with a central processor), where the majority of the processing takes place.

Sunny Tara, Cantor Gaming's chief technology officer, says that as soon as the device can no longer read the RFID chip, it prohibits any further betting before being reset.

Mr. Tara said another security precaution was to protect all monetary transactions by relegating them to back-end servers. "The portable devices are sophisticated, but they really are just tools to access the real technology, which sits on the servers," Mr. Tara said

He added that the devices transmitted data over channels "not normally used" for mainstream Wi-Fi.


<http://www.nytimes.com/2009/12/28/technology/internet/28gamble.html>

<p>an electronic display in electrical communication with the local microprocessor,</p>	<p>The eDeck's touchscreen color display is an electronic display. The display shows images that the local microprocessor transmits to it electronically.</p>	 <p>http://www.cantorgaming.com/products.html</p>
<p>the electronic display being mounted within the housing and being visible through the electronic display opening in the housing,</p>	<p>As shown in the above image, the electronic display is mounted within the housing, where the screen is visible through the housing's display opening.</p>	

Confidential, subject to NDA.
Based on information presently available (draft/subject to revision).
Claim preamble may not serve as a limitation.

and the electronic display being adapted to display data from the microprocessor

The display presents data from the microprocessor on the screen. As shown in the image to the right, the electronic display shows data, such as game scores, received from a remote source and prepared for display by the microprocessor.



<http://www.cantorgaming.com/products.html>

Confidential, subject to NDA.
Based on information presently available (draft/subject to revision).
Claim preamble may not serve as a limitation.

and a promotional message wirelessly received from the central processor.

The eDeck communicates wirelessly with a server, and upon information and belief, some of the data received and displayed includes promotional messages. As shown in the image to the right, the eDeck is displaying a promotional message for earning a \$20 bonus by signing up for a program.

Using an 802.11 private wireless network, Cantor connects its mobile gaming devices to a server located on the casino property or other authorized location.

The network is protected by several layers of encryption and security that emulates Cantor's private trading network, a network that is recognized as the world's most secure.

The system contains integrated location tracking and fencing capabilities, including a positioning engine to determine player location and a visibility platform server to define and monitor permissible gaming zones.

Unique access methods and identification procedures are employed to validate gamblers in accordance with Nevada Gaming Control Board requirements.

eDeck also provides casino properties with an additional outlet for marketing and promotions. The device is easily customized to display messages and special offers while re-enforcing the casino's brand.



<http://www.cantorgaming.com/products.html>