

METHOD OF AND DEVICE FOR GENERATING TRUE RANDOM NUMBERS AND A GAMING SYSTEM

ABSTRACT

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A device for generating true random numbers by way of a quantum optic process, the device comprising: a light source for generating at least one single-photon within a light beam; and at least two detectors each for detecting single-photons within the beam thereby providing detector signals; and control means; wherein the detectors for detecting single-photons each
10 comprises at least one quantum dot; and wherein the detectors are positioned at substantially equivalent spatial position of detection probability of single-photons in the beam; and wherein the control means are provided and adapted to control generation of a series of single photons and to register the detector signals for generating the true random number values.

15 [Fig. 4]