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(54) Title: NETWORK DISTRIBUTED QUANTUM RANDOM NUMBER GENERATION

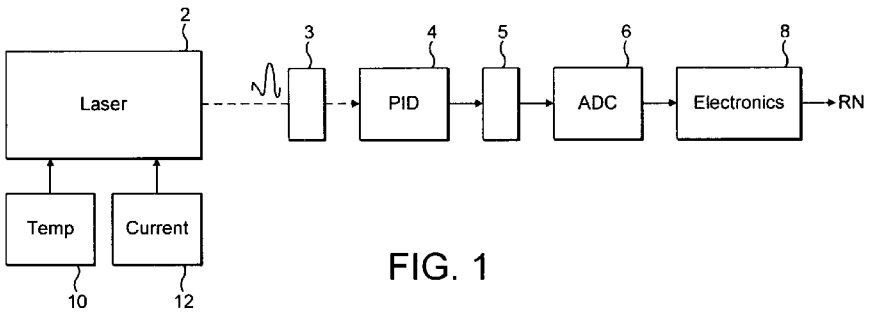


FIG. 1

(57) Abstract: A quantum random number generation system comprising of a source of light output as a plurality of coherent states such that each state has an indeterminate number of photons, a photodetector arranged to receive the light output from the light source and to generate a photocurrent dependent on the number of photons in each coherent state and processing circuitry connected to receive the photocurrent and arranged to convert it to generate a sequence of random numbers.

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