



The Chinese University of Hong Kong
Non-confidential Abstract of Technology Disclosure

Title:

Random Number Generator

CUHK Ref. No.:

05/ENG/191

Inventor(s):

Professor Kam Tai CHAN, Department of Electronic Engineering

Patent Status:

- ◆ US Patent Pending
- ◆ PCT Application Filed

Non-confidential abstract:

This technology takes advantage of a principle in quantum optics to generate truly random numbers, which is completely different from conventional random number generators that only can create pseudorandom numbers. As is known, randomness is the intrinsic property of quantum physics. For many applications, it is key important to make use of random numbers. The quality of random numbers determines the reliability of testings in applications. This technology can generate truly random numbers, which solve the long standing problem.

For further queries, please contact:

Mr Billy Lam
Technology Licensing Coordinator
Tel: (852) 2609 8882
Fax: (852) 2603 5451
Email: billylam@cuhk.edu.hk

Address:
Technology Licensing Office
The Chinese University of Hong Kong
Room 226, Pi Ch'iu Bldg, Shatin, New Territories
Hong Kong SAR