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Bio-ID: Biologically Inspired Identification and Recognition System

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Abstract

Bio-ID is a biometric based identification Technique utilizing many biometric options (DNA, Iris, Palmprint etc) especially the fingerprint and face to correctly identify the individual for purposes of financial transactions, personal identification, immigration documentations (passport) and transportation licenses (drivers licenses).It is a complete nature inspired identification and recognition system. BioID means no more bank cards (debit or credit cards), no more even store cards, no more Plastic or paper ID-cards, no more paper or e-passport and no more plastic drivers' licenses. Simply there is no more wallet and its contents. In Bio-ID new technology is created with its new employment opportunities together with emphasis on the novel soft scanner and soft camera technology innovations.

Biography

Dr. Ephraim Nwoye had a PhD from Newcastle University, United Kingdom in 2006. He has worked as an engineer with the following organizations: Philips Electronics; Powertron Nig. Ltd; Biomedical Eng Dept, Ahmadu Bello University Teaching Hospital; Newcastle University, UK; Middleborough College, UK; Newcastle College UK, Senior Lecturer in Clinical Engineering, Tshwane University of Technology, Pretoria, South Africa and currently a senior Lecturer and Head of Department of Biomedical Engineering, College of Medicine of the University of Lagos, Nigeria. His research areas include but not limited to Medical Imaging, Signal/Image Processing; Nature or Biologically Inspired Technology, Biometrics, Sensors and Body Implants; Clinical Engineering and/or Application of Engineering in Healthcare Delivery and have over twenty published works in these areas.