

ABSTRACT**A BIOMETRICS PARAMETERS PROTECTED USB INTERFACE
PORTABLE DATA STORAGE DEVICE WITH USB INTERFACE
ACCESSIBLE BIOMETRICS PROCESSOR**

A biometric parameters protected USB interface portable data storage device which integrates generic USB interface with biometric (Fingerprint) technologies to ensure data and information storage within the device are secured with personal biometrics information. The biometric processing unit is securely accessed by USB host to perform various biometrics functionalities at the control of application software running in the PC or USB On-the-Go host. The biometrics functionalities include fingerprint scanning, fingerprint bio-data generation and encryption, comparison of fingerprint bio-data and storing of fingerprint bio-data. The storage acts as a portable hard disk that can only be accessed by the user(s) with the authorized fingerprint bio-data and at the same time the USB accessible biometrics processing unit of the device offers unlimited application for the application software operating in PC host and USB On-the-Go devices

(FIG. 1 is suggested for publication)