

## Limiting Access To File And Folder On A Storage Device

### Abstract

**[0035]** The present invention provides a modified operating system (OS) (100) operable on a portable computing device, such as, a mobile telephone, a mobile computer, an electronic organizer and a data storage device. The modified OS includes a file filter system (146), associated security file system driver (SFSD) (148) and a security user interface (152). The SFSD is loaded prior to final OS initialization/configuration and loading of user security/data registry. A security user interface (152) associated with the SFSD then generates a dialogue box to allow the user to create a confidential file A or folder B and options for locking and/or encrypting. User identity is verified (258,358) before access to the file/folder is allowed; the file A/folder B remains secure even when security setting data created by the SFSD dialogue box is altered/removed or after the computing device undergoes a clean boot-up.

**[0036]** FIG. 3B for publication.