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(57) Abstract :

A system (100) to permanently erase data recorded (102-1, 102-2, 102-3, , 102-N) on a storage media is provided. The system includes a network interface operable for connecting to a data network and one or more computing device including at least a hardware processor (104). The hardware processor configured to: receive a permanently erase data request for the data recorded on the storage media, determine location of the data recorded in the storage media, mark an area where that data resides on the storage media, and override the marked area the storage media with a pattern of meaningless data. The pattern of meaningless data includes at least one of a series of 0s and 1s, pseudo-random digits, all zeros, or a pattern that includes first zeros, then ones, and finally random data.

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