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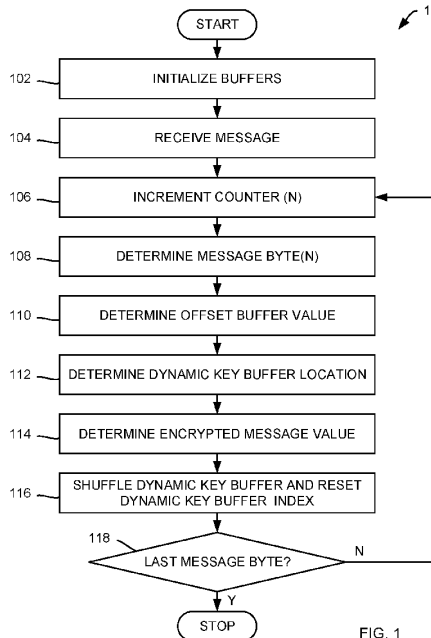


FIG. 1

(57) Abstract: Briefly, an encryption/decryption algorithm providing for consistent encryption entropy and encryption/decryption performance that is independent of the type of input data. The methods disclosed utilize two randomized lookup buffers, a key buffer and an offset buffer, as well as a histogram buffer. The two lookup buffers are initialized with a secret key shared (identical seed value) between the Client/Server (Or Hub/Device in the IoT world).

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