SYSTEM AND METHOD FOR OPTIMAL ENCODING OF SMS MESSAGES IN A MOBILE DEVICE

ABSTRACT

There is provided a method for sending/receiving an SMS text message with more characters than that allowed under the system limit using a standard encoding/decoding format. The method employs at least two encoding/decoding formats where one is the standard format using more bits to encode a character, and another one is a compact format using less bits to encode a character so that the compact format enables the mobile device to send/receive text messages with more characters. The present invention also provides a mobile device that uses the two-format system to send/receive text messages with more characters.

FIG 1