Method for Certifying Location Stamping for Wireless Transactions

Abstract

A system for establishing the credibility of geographic location information associated with information transmitted from a wireless device for non-repudiation purposes is disclosed. The present invention relates to the stamping of a transaction conducted over a wireless medium with geographic position information specific to the wireless device engaged in the transaction. The system described has the capability to cater both self-locating and non-self-locating devices, in which case the location is computed by a third-party. For the purpose of authentication the system can use either public-key solution or secure session. Digital signatures are useful for the purpose of establishing credibility.

Figure 1

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