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(54) Title: CABLE TELEVISION SECURE COMMUNICATION SYSTEM FOR ONE WAY RESTRICTED ACCESS

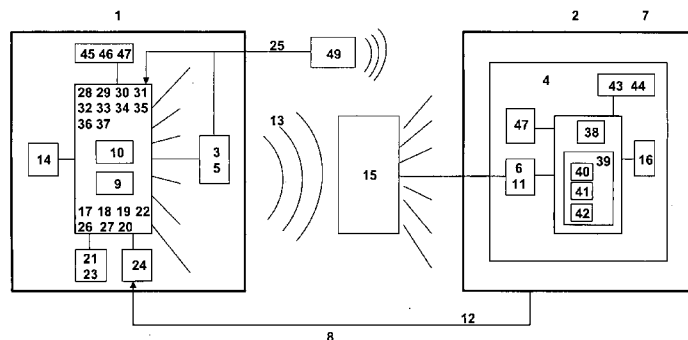


FIG. 1

(57) Abstract: Methods and apparatus permit a one-way downloadable security for electronic signals such as cable television, free-to-air, direct broadcast satellite, electronic device enablement, and other services. The system can allow a broadcast transmission capability (1) to provide an encrypted signal to an individual reception capability (2) in a manner that maintains the full security of a traditional decryption key process while completely eliminating any need for a trusted authority. By including a nascent decryption key generator that may create a secure, key-based environment from an unsecure individualized information transmission (12), a sequence of key(s) from a root key(s) to a derived key(s) to a temporary key(s) and ultimately to a fully random key(s) can be generated in activating a device or a decryption capability for a subscriber.

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