**BUS ABSTRACTION**


**ABSTRACT OF DISCLOSURE**

Systems and methodologies that facilitate a unification of bus protocols and networks *via* an abstraction system that can bind device models and higher level protocols to multiple bus implementations. Such abstraction system can provide a common language among buses for message transfers according to priority – *e.g.*, semantics provided for a messaging transport component for control messages, a streaming component for high priority, and a bulk transfer component for low priority. In addition, a discovery component can identify devices on a bus or network, with an association component for determining a trust established therebetween and authenticating the devices or services.


Fig. 1