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(54) **CENTRALLY MANAGED APPARATUS,  
SYSTEMS, AND METHODS FOR TUNING A  
PLURALITY OF ENHANCED NODE-BASED  
LOGISTICS RECEPTACLES**

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**ABSTRACT**

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A centrally managed system for tuning a plurality of enhanced node-based logistics receptacles includes a back-end server, a first enhanced node-based logistics receptacles, and a second node-based logistics receptacles. The backend server transmits a first setup message to a first bridge node, transmits a second setup message to a second bridge node, receives retrieved first event information from the first bridge node and retrieved second event information from the second bridge node, compares the retrieved first event information with a management profile and compares the retrieved second event information with the management profile, revises the management profile based upon the comparison of the retrieved first event information with the management profile and the comparison of the retrieved second event information with the management profile, and transmits an adjustment message that is based upon the revised management profile to the first bridge node.

