

**AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A stackable battery system comprising:  
at least two bussing housings, said bussing housings each having:  
a top electrical connector,  
a bottom electrical connector operable to electrically mate with the top connector  
of another bussing housing,  
a top mechanical connector, and  
a bottom mechanical connector operable to hold said bussing housing motionless  
in at least one dimension relative to another bussing housing when in close  
proximity;  
at least one bus tube;  
at least one pair of battery cells coupled to each other and connected to ~~each of~~  
said bussing housing at the at least one bus tube;  
wherein said bussing housings together form a stacked battery with performance  
characteristics superior to that of each of the individual cell modules.
2. (Original) The stackable battery system of claim 1, wherein said connectors are made  
from copper or any of its alloys.
3. (Original) The stackable battery system of claim 1, wherein said bussing housing  
comprises an intumescent material.
4. (Original) The stackable battery system of claim 1, wherein said bussing housing further  
comprises at least one sensor capable of reporting information to a central system for monitoring  
said stackable battery system.