Electrode Material for Storage Element

Reference

Maintains structure and applies conductivity at the same time while maximizing the characteristics of electrode materials, and contributing to shorter charging time and longer service life

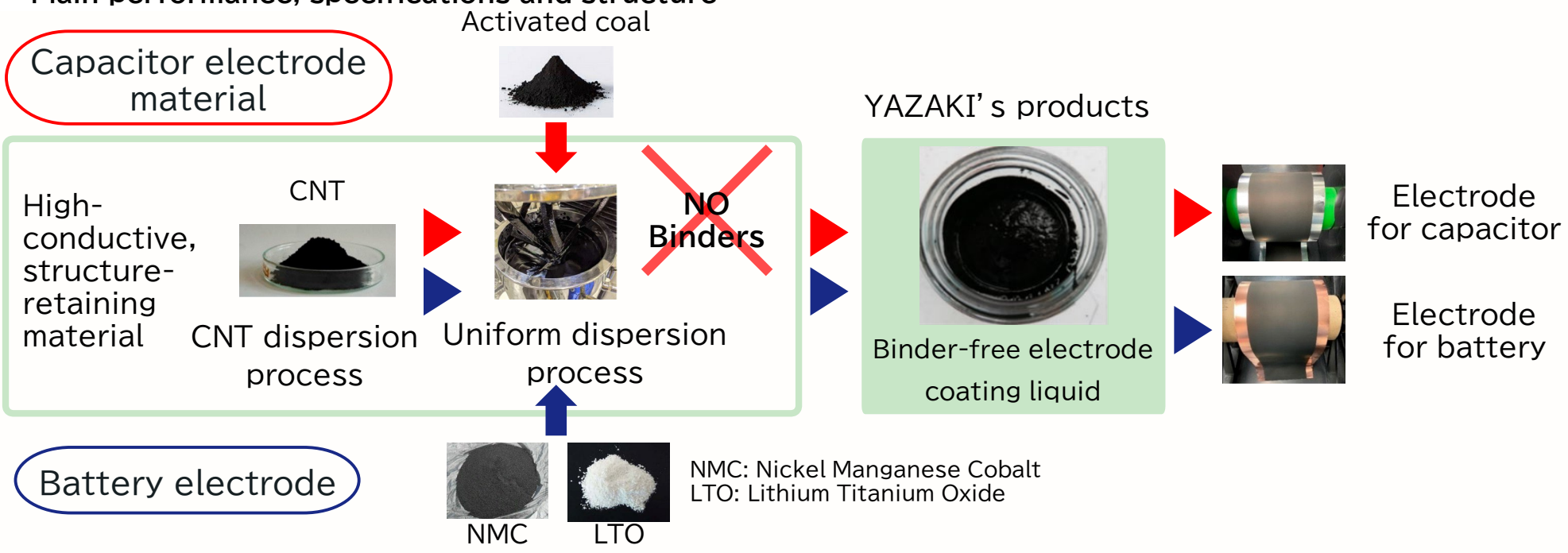
Background or assignment

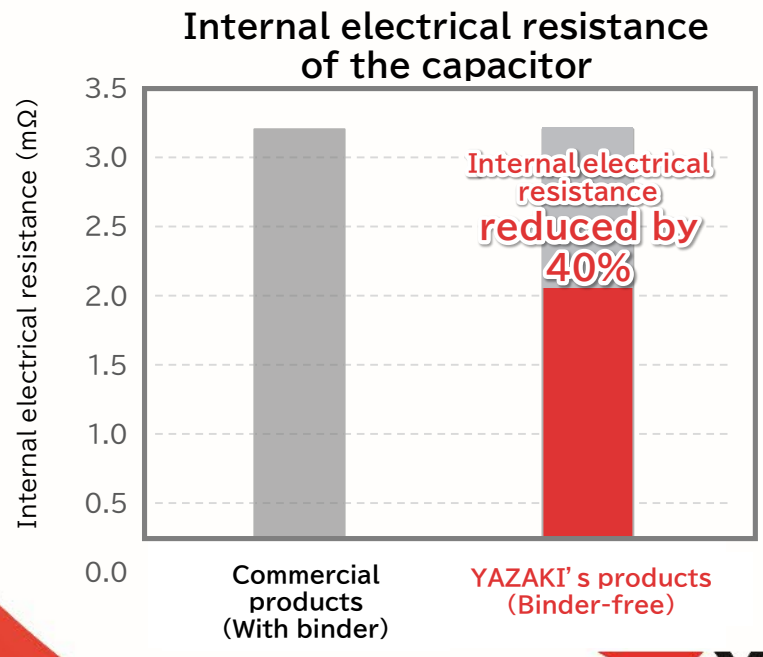
- Needs drastically shorter charging time due to increase of EV driving range with larger battery capacity
- Needs longer battery life to reduce carbon footprint

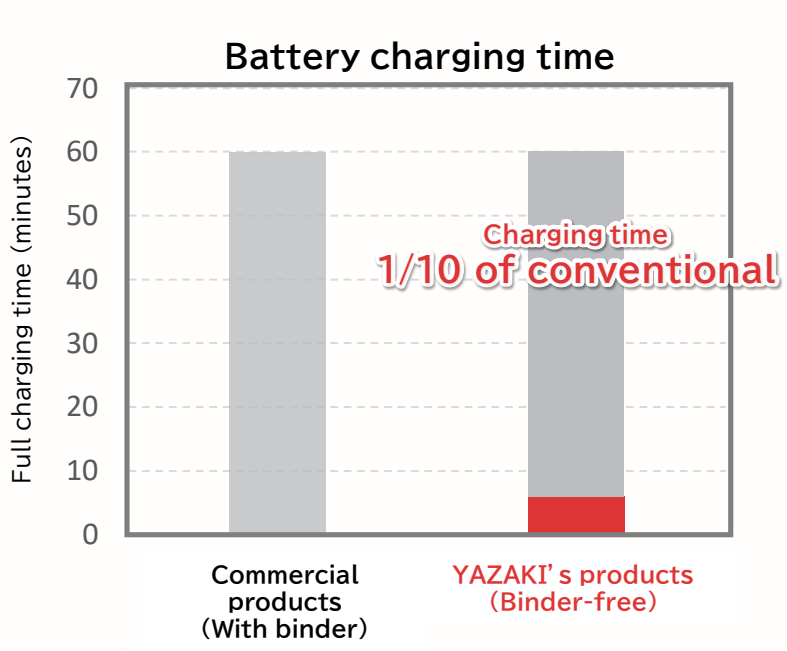
Solutions to Challenges

1. Reduces internal electrical resistance about 40% by evenly dispersing highly conductive materials as electrode materials
2. Reduction in internal electrical resistance controls heat generation, which causes deterioration of capacitors and batteries, and extends battery life
3. Supports quick charging, 10 times faster charging than conventional models

Main performance, specifications and structure







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