Appendix 5

Promotional and educational material from TOSHIBA to emphasise the need to control temperatures and temperature gradients better during quick charging of NiMH batteries.
Comparison:
Batter Pack for Power tools

<table>
<thead>
<tr>
<th>Feature</th>
<th>TOSHIBA</th>
<th>General</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation at Charging</td>
<td>Through Hole</td>
<td>Slit</td>
</tr>
<tr>
<td>Dust Protection</td>
<td>Good</td>
<td>Difficult</td>
</tr>
<tr>
<td>Cycle Life</td>
<td>Good</td>
<td>No Good</td>
</tr>
</tbody>
</table>

Proprietary Material of TOSHIBA BATTERY CO., LTD
Thermal Simulation: Doughnuts Type

Temperature Distribution = 2 deg. C
Thermal Simulation : Simple Type

Temperature Distribution = 4deg.C

Proprietary Material of TOSHIBA BATTERY CO., LTD
New 15minutes Charger

Features

- New Charging Method
  : Longer Cycle Life of Battery
- Ultra Rapid Charging Time
  : 15 minutes to 80% (1.7 Ah)
- Size: 150mmx240mmx80mm
- Multiple Voltage
  : 12V, 14.4V, 18V, 24V etc.
- 5 terminals