CLAIMS

What is claimed is:

1. An electric cell, being a winding formed by winding a laminated body, the laminated body comprising:

a positive electrode sheet , being a positive electrode substrate, the positive electrode substrate having a positive electrode upper surface and a positive electrode lower surface opposite to the positive electrode upper surface, wherein at least one of the positive electrode upper surface and the positive electrode lower surface has a positive electrode coating;

a negative electrode sheet, being a negative electrode substrate having a negative electrode upper surface and a negative electrode lower surface opposite to the negative electrode upper surface, wherein at least one of the negative electrode upper surface and the negative electrode lower surface has a negative electrode coating, at least one of the negative electrode upper surface and the negative electrode lower surface is not provided with the negative electrode coating between a winding starting end of the negative electrode sheet and a predetermined length from the winding starting end, and a ratio of the predetermined length to a length of the negative electrode sheet ranges between 0.015 and 0.055;

a separator, disposed between the positive electrode sheet and the negative electrode sheet;

a positive electrode tab, connected to the positive electrode upper surface or the positive electrode lower surface; and

a negative electrode tab, connected to the negative electrode upper surface or the negative electrode lower surface.

2. The electric cell according to claim 1, wherein at least one of the negative electrode upper surface and the negative electrode lower surface is not provided with a support member between the winding starting end and the predetermined length from the winding starting end.

3. The electric cell according to claim 2, wherein neither the negative electrode upper surface nor the negative electrode lower surface is provided with the support member between the winding starting end and the predetermined length from the winding starting end.

4. The electric cell according to claim 1, wherein the ratio of the predetermined length to the length of the negative electrode sheet ranges between 0.017 and 0.045.

5. The electric cell according to claim 1, wherein neither the negative electrode upper surface nor the negative electrode lower surface is provided with the negative electrode coating between the winding starting end and the predetermined length from the winding starting end.

6. The electric cell according to claim 1, wherein the positive electrode tab comprises a first positive electrode tab and a second positive electrode tab, and both of the first positive electrode tab and the second positive electrode tab are connected to the positive electrode upper surface.

7. The electric cell according to claim 1, wherein the negative electrode tab comprises a first negative electrode tab, a second negative electrode tab and a third negative electrode tab, and all of the first negative electrode tab, the second

negative electrode tab and the third negative electrode tab are connected to the negative electrode upper surface.

8. A battery, comprising:

a housing, comprising a cover, a can, and an accommodating space formed by the cover and the can sealed and joined with each other;

a positive electrode terminal, buried in the cover;

a negative electrode terminal, buried in the can; and

the electric cell according to claim 1, disposed in the accommodating space, the electric cell connected to the positive electrode terminal via the positive electrode tab and connected to the negative electrode terminal via the negative electrode tab.

9. The battery according to claim 8, further comprising an electrolyte disposed in the accommodating space.