CLAIMS

1. A wound body formed by winding a long sheet, the wound body comprising:

a core body having a cylindrical shape, and the long sheet wound around an outer periphery of the core body, wherein

the core body comprises a cylindrical inner peripheral part having one end and an other end,

the inner peripheral part comprises a 1st recess part located at the one end and recessing outward in the radial direction, and a 2nd recess part located to extend from the one end to the other end and recessing outward in the radial direction, in which a recessing amount of the 2nd recess part recessing outward in the radial direction with respect to the inner peripheral part is smaller than that of the 1st recess part,

the core body is mountable on an outer periphery of a rotatable support shaft from the one end side of the core body,

the core body is integrally rotatable with the support shaft by engagement of the 1st recess part with a 1st projection located at a proximal end of the support shaft in a state where the core body is mounted on the outer periphery of the support shaft, and

the position of the 1st projection is aligned with the position of the 1st recess part in a circumferential direction of the support shaft by engagement of the 2nd recess with a 2nd projection located at a distal end of the support shaft when the core body is mounted on the outer periphery of the support shaft.

2. The wound body according to claim 1, wherein the 2nd recess part is formed along the entire periphery in the circumferential direction of the core body at the one end of the core body.

3. The wound body according to claim 1 or 2, wherein

the 2nd recess part comprises a leading part that leads the 2nd projection, and

the leading part is configured to lead the 2nd projection to allow the position of the 1st projection to be aligned with the position of the 1st recess part in the circumferential direction of the support shaft when the core body is mounted on the outer periphery of the support shaft.

4. The wound body according to claim 3, wherein

the 2nd recess part comprises a guide part that guides the 2nd projection, and

the guide part is located closer to the other end of the core body than the leading part, and is configured to guide the 2nd projection to allow the position of the 1st projection to be kept in alignment with the position of the 1st recess part in the circumferential direction of the support shaft when the core body is mounted on the outer periphery of the support shaft.

5. A core body for wound body that is used for a wound body formed by winding a long sheet, the core body having a cylindrical shape, being configured to allow the long sheet to be wound around an outer periphery of the core body, and comprising a cylindrical inner peripheral part having one end and an other end, wherein

the inner peripheral part comprises a 1st recess part located at the one end and recessing outward in the radial direction, and a 2nd recess part located to extend from the one end to the other end and recessing outward in the radial direction, in which a recessing amount of the 2nd recess part recessing outward in the radial direction with respect to the inner peripheral part is smaller than that of the 1st recess part,

the core body for wound body is mountable on the outer periphery of a rotatable support shaft from the one end side,

the core body for wound body is integrally rotatable with the support shaft by engagement of the 1st recess part with a 1st projection located at a proximal end of the support shaft in a state where the core body for wound body is mounted on the outer periphery of the support shaft, and

the position of the 1st projection is aligned with the position of the 1st recess part in a circumferential direction of the support shaft by engagement of the 2nd recess part with a 2nd projection located at a distal end of the support shaft when the core body for wound body is mounted on the outer periphery of the support shaft.

6. A combination of a wound body and a support shaft, the combination comprising

a wound body formed by winding a long sheet, and a support shaft that supports the wound body, wherein

the support shaft comprises a cylindrical outer peripheral part having a proximal end and a distal end, and is configured to be rotatable around a central axis of the outer peripheral part,

the outer peripheral part comprises a 1st projection located at the proximal end and projecting outward in a radial direction, and a 2nd projection located at the distal end and projecting outward in the radial direction, in which a projecting amount of the 2nd projection projecting outward in the radial direction with respect to the outer peripheral part is smaller than that of the 1st projection,

the wound body comprises a core body having a cylindrical shape, and the long sheet wound around an outer periphery of the core body,

the core body comprises a cylindrical inner peripheral part having one end and an other end,

the inner peripheral part comprises a 1st recess part located at the one end and recessing outward in the radial direction, and a 2nd recess part located to extend from the one end to the other end and recessing outward

in the radial direction, in which a recessing amount of the 2nd recess part recessing outward in the radial direction with respect to the inner peripheral part is smaller than that of the 1st recess part,

the core body is mountable on the outer periphery of the support shaft from the one end side of the core body, and from the distal end side of the support shaft,

the support shaft and the core body are integrally rotatable around the central axis by engagement of the 1st projection with the 1st recess part in a state where the core body is mounted on the outer periphery of the support shaft, and

the circumferential position of the 1st projection around the central axis is aligned with the circumferential position of the 1st recess part around the central axis by engagement of the 2nd projection with the 2nd recess part when the core body is mounted on the outer periphery of the support shaft.