[0052]

According to the present embodiment, the same advantageous effects as those of the above-described embodiments can be obtained, and during assembly of the fishing rod 1D, positioning of the rear portion 12 of the front rod shaft 10D and the front portion 22 of the rear rod shaft 20D with respect to the inner peripheral surface 35 can be easily performed. Therefore, the assembly time can be shortened, and cost reduction and improvement in productivity can be achieved.

[0053]

(Sixth Embodiment)

Next, a fishing rod 1D1 according to a sixth embodiment will be described with reference to Fig. 6. Fig. 6 is a cross-sectional view illustrating a principal part of the fishing rod 1D1 according to the sixth embodiment of the present invention. The present embodiment is a modified example of the fifth embodiment, and differs in that a joining protrusion 36D1 is provided on the inner peripheral surface 35 of a reel seat 30D1, and a front end surface 25a of the second large-diameter portion 24 is joined (abutted) to the rear end surface 15 of the first large-diameter portion 14 of the front rod shaft 10D1.

[0054]

As illustrated in Fig. 6, the protrusion 36D1 protrudes annularly radially inward from the inner peripheral surface 35 of the reel seat 30D1. The protrusion 36D1 is formed to have a smaller protrusion height (amount of protrusion radially inward) than the protrusion 36 of the fifth embodiment (see Fig. 5). A part of the rear end surface 15 of the first large-diameter portion 14 of the front rod shaft 10D1 abuts against the front surface of the protrusion

36D1 and is bonded with an adhesive. In addition, a second front end surface 25b, which will be described later, of the second large-diameter portion 24 of a rear rod shaft 20D1 abuts against a rear surface of the protrusion 36D1 and is bonded with an adhesive.

[0055]

The front end portion 24a of the second large-diameter portion 24 of the rear rod shaft 20D1 is formed in a stepped cylindrical shape reduced in diameter so as to abut against the rear end surface 15 of the first large-diameter portion 14 of the front rod shaft 10D1. The front end portion 24a comprises a first front end surface 25a, the second front end surface 25b, and a reduced-diameter outer peripheral surface 25c. The first front end surface 25a abuts against a part of the rear end surface 15 of the first large-diameter portion 14 and is bonded with an adhesive. The second front end surface 25b abuts against a rear surface of the protrusion 36D1 and is bonded with an adhesive. In addition, the reduced-diameter outer peripheral surface 25c abuts against an inner peripheral surface of the protrusion 36D1 and is bonded with an adhesive. That is, the front end portion 24a of the second large-diameter portion 24 extends forward so as to cover the protrusion 36D1 from the inner peripheral surface side, and is joined to a part of the rear end surface 15 of the first large-diameter portion 14. As a result, the front end portion 24a of the second large-diameter portion 24 is bonded to both the protrusion 36D1 and the rear end surface 15 of the first large-diameter portion 14.

[0056]

In the present embodiment, the front end portion 24a of the second large-diameter portion 24 of the rear rod shaft 20D1 is illustrated as being

[0062]

According to the present embodiment, the same advantageous effects as those of the above-described embodiments can be obtained, and during assembly of the fishing rod 1E, the rear end surface 15 of the first large-diameter portion 14 can be bonded while being brought into abutment with the stepped surface 35c, and the front end surface 25 of the second large-diameter portion 24 can be bonded while being brought into abutment with the rear end surface 15 of the first large-diameter portion 14. Therefore, these assembly operations can be easily performed. As a result, the assembly time can be shortened, and cost reduction and improvement in productivity can be achieved.

[0063]

In addition, variations can be provided in a structure in which the rear portion 12 of the front rod shaft 10E and the front portion 22 of the rear rod shaft 20E are directly bonded to the inner peripheral surface 35 of the reel seat 30E, and the appearance of exposed portions can also be changed. As a result, the fishing rod 1E can be configured in accordance with a fishing type.

[0064]

(Eighth Embodiment)

Next, a fishing rod 1F according to an eighth embodiment will be described with reference to Fig. 8. Fig. 8 is a cross-sectional view illustrating a principal part of the fishing rod 1F according to the eighth embodiment of the present invention. The present embodiment is a modified example in which the fifth embodiment and the seventh embodiment are combined, and differs in that the outer diameter of the rear portion 12 of a front rod shaft 10F and the outer diameter of the front portion 22 of a rear rod shaft 20F are made different

from each other, and the rear portion 12 of the front rod shaft 10F and the front portion 22 of the rear rod shaft 20F are brought into contact (abutted) with a protrusion 36F provided on the inner peripheral surface 35.

[0065]

As illustrated in Fig. 8, the rear portion 12 of the front rod shaft 10F has an overall larger diameter than the front portion 22 of the rear rod shaft 20F. Conversely, the front portion 22 of the rear rod shaft 20F has an overall smaller diameter than the rear portion 12 of the front rod shaft 10F. Correspondingly, the inner peripheral surface 35 of a reel seat 30F comprises the large-diameter inner peripheral surface 35a and the small-diameter inner peripheral surface 35b having different inner diameters. The inner peripheral surface 35 has a stepped cylindrical shape.

[0066]

The protrusion 36F protrudes annularly radially inward at a boundary portion between the large-diameter inner peripheral surface 35a and the small-diameter inner peripheral surface 35b. The rear end surface 15 of the first large-diameter portion 14 of a front rod shaft 10F abuts against a front surface of the protrusion 36F and is bonded with an adhesive. In addition, the front end surface 25 of the second large-diameter portion 24 of a rear rod shaft 20F abuts against a rear surface of the protrusion 36F and is bonded with an adhesive.

[0067]

According to the present embodiment, the same advantageous effects as those of the fifth and seventh embodiments described above can be obtained. That is, during assembly of the fishing rod 1F, positioning of the rear

the second large-diameter portion 24 of the rear rod shaft 20H face each other inside the reel seat 30 with the spacing S1 therebetween and are disposed in a non-contact state. The size of the spacing S1 can be set as appropriate.

[0073]

According to the present embodiment, the same advantageous effects as those of the above-described embodiments can be obtained, and it is not necessary to join the rear portion 12 of the front rod shaft 10H and the front portion 22 of the rear rod shaft 20H inside the reel seat 30, and accordingly, the adhesive for such joining becomes unnecessary. As a result, cost reduction can be achieved.

[0074]

(Eleventh Embodiment)

Next, a fishing rod 1J according to an eleventh embodiment will be described with reference to Fig. 11. Fig. 11 is a cross-sectional view illustrating a principal part of the fishing rod 1J according to the eleventh embodiment of the present invention. The present embodiment differs from the first to tenth embodiments in that the first large-diameter portion 14 of a front rod shaft 10J and the second large-diameter portion 24 of a rear rod shaft 20J are provided to be exposed in front of and behind the reel seat 30.

[0075]

As illustrated in Fig. 11, the first large-diameter portion 14 of the front rod shaft 10J extends forward of the front end surface 30a of the reel seat 30, and a part thereof is exposed in front of (outside) the reel seat 30. As a result, the rear end portion 13a of the first inclined portion 13 is also located forward of the front end surface 30a of the reel seat 30.

[0076]

Similarly, the second large-diameter portion 24 of the rear rod shaft 20J extends rearward of the rear end surface 30b of the reel seat 30, and a part thereof is exposed behind (outside) the reel seat 30. As a result, the front end portion 23a of the second inclined portion 23 is also located rearward of the rear end surface 30b of the reel seat 30.

[0077]

Alternatively, either one of the first large-diameter portion 14 of the front rod shaft 10J and the second large-diameter portion 24 of the rear rod shaft 20J may be configured to be exposed outside the reel seat 30.

[0078]

According to the present embodiment, variations can be provided in a structure in which the rear portion 12 of the front rod shaft 10J and the front portion 22 of the rear rod shaft 20J are directly bonded to the inner peripheral surface 35 of the reel seat 30, and the appearance of exposed portions can also be changed. As a result, the fishing rod 1J can be configured in accordance with a fishing type.

[0079]

Although the embodiments of the present invention have been described above, design modifications can be made as appropriate within a scope not departing from the gist of the present invention.

For example, in each of the above embodiments, the first inclined portion 13 and the second inclined portion 23 are illustrated as being provided to be exposed outside the reel seat 30, but are not limited thereto, and may be configured such that a part thereof is disposed inside the inner peripheral