CLAIMS

1. A connector comprising a screw composed of a screw thread and a thread groove, and being configured to be connected to a mating connector that has a mating screw to be screwed to the screw,

wherein a top of the screw thread is provided along a side surface of a virtual reference columnar body having a round cross section centered on a predetermined reference central axis,

a root of the thread groove has at least two inclined regions partitioned in a direction in which the thread groove extends,

one of the inclined regions is provided along a side surface of a first virtual inclined columnar body having a round, elliptical or oval cross section centered on a first inclined central axis obliquely intersecting the reference central axis, and

another inclined region, of the at least two inclined region and adjacent to said one of the inclined regions, is provided along a side surface of a second virtual inclined columnar body having a round, elliptical, or oval cross section centered on a second inclined central axis obliquely intersecting the reference central axis in a plane different from a plane that includes the reference central axis and the first inclined central axis.

2. A connector comprising a screw composed of a screw thread and a thread groove, and being configured to be connected to a mating connector that has a mating screw to be screwed to the screw,

wherein a root of the thread groove is provided along a side surface of a virtual reference columnar body having a round cross section centered on a predetermined reference central axis,

a top of the screw thread has at least two inclined regions partitioned in a direction in which the screw thread extends,

one of the inclined regions is provided along a side surface of a first virtual inclined columnar body having a round, elliptical or oval cross section centered on a first inclined central axis obliquely intersecting the reference central axis, and

another inclined region, of the at least two inclined region and adjacent to said one of the inclined regions, is provided along a side surface of a second virtual inclined columnar body having a round, elliptical or oval cross section centered on a second inclined central axis obliquely intersecting the reference central axis in a plane different from a plane that includes the reference central axis and the first inclined central axis.

3. The connector according to claim 1 or 2,

wherein the first inclined central axis tilts in a same inclination direction as that of the second inclined central axis with respect to the reference central axis in a case where the first inclined central axis is rotated around the reference central axis and placed in a plane that includes the reference central axis and the second inclined central axis.

4. The connector according to any one of claims 1 to 3,

wherein a plane that includes the reference central axis and the first inclined central axis and a plane that includes the reference central axis and the second inclined central axis intersect each other at an angle of 70 degrees or more and 110 degrees or less.

5. The connector according to any one of claims 1 to 4,

wherein the cross sections of the first virtual inclined columnar body and the second virtual inclined columnar body have a same shape.

6. The connector according to any one of claims 1 to 5,

wherein the first inclined central axis and the second inclined central axis intersect the reference central axis at a same angle.