Patent Document 4: JP 3283404
Patent Document 5: JP 2000-314015 A
Patent Document 6: JP 2008-138345 A

Disclosure of Invention

Problem to be Solved by the Invention

[0004] However, the above conventional sportswear and swimwear are low in stretchability, and thus hard to wear. The conventional stretch woven fabrics also have high surface friction resistance in the form of swimwear.

[0005] In order to solve the above conventional problems, embodiments of the present invention provide a highly stretchable woven fabric that can be worn easily (ease of wear) and that is low in surface friction resistance, and sportswear and swimwear employing the same.

Means for Solving Problem

[0006] According to a first aspect, there is provided a stretch woven fabric for sportswear including an elastic yarn, wherein the elastic yarn is arranged in a warp yarn and a weft yarn, and the stretch woven fabric is stretchable in two-way directions, a single-ply plain weave part and a double weave part are formed alternately and repeatedly, and the plain weave part is a depression, the double weave part is a projection, and a plurality of the depression and a plurality of the projection are arranged in one direction as a whole.

[0007] According to a second aspect, there is provided a sportswear including the above stretch woven fabric.

[0007a] According to a third aspect, there is provided a swimwear including the above stretch woven fabric

Effect of the Invention

[0008] The stretch woven fabric as per embodiments of the present invention includes elastic yarns in warp and weft yarns, and is stretchable in two-way directions. The plain weave part and the double weave part are formed alternately and repeatedly. Thus, it is possible to provide a stretch woven fabric with high stretchability and ease of wear, and low surface friction resistance, and sportswear and swimwear employing the same.

Brief Description of Drawings

[0009] [FIG. 1] FIG. 1 is a schematic plan view of a stretch woven fabric according to one embodiment of the present invention in which plain weave parts and weft double

CLAIMS

1. A stretch woven fabric for sportswear comprising an elastic yarn,

wherein the elastic yarn is arranged in a warp yarn and a weft yarn, and the stretch woven fabric is stretchable in two-way directions,

a single-ply plain weave part and a double weave part are formed alternately and repeatedly, and

the plain weave part is a depression, the double weave part is a projection, and a plurality of the depression and a plurality of the projection are arranged in one direction as a whole.

2. The stretch woven fabric for sportswear according to claim 1, wherein the double weave part is weft double weave or warp double weave.

3. The stretch woven fabric for sportswear according to claim 1, wherein the plain weave part and the double weave part each have a width of 0.125 mm to 10 mm.

4. The stretch woven fabric for sportswear according to claim 1, wherein the elastic yarn is a covered yarn that is covered and twisted with a synthetic fiber filament yarn.

5. The stretch woven fabric for sportswear according to claim 1, wherein the stretch woven fabric has an elongation rate of 10% to 90% in both warp and weft directions in accordance with a cut strip method of JIS L1096 A (load: 17.7 N (1.8 kg), width: 5 cm).

6. Sportswear comprising the stretch woven fabric according to any one of claims 1 to 5.

7. A swimsuit comprising the stretch woven fabric according to any one of claims 1 to 5.

8. The swimsuit according to claim 7,

wherein, in the stretch woven fabric, the single-ply plain weave part is a depression, and the double weave part is a projection, and a plurality of the depression and a plurality of the projection arranged in one direction form a stripe pattern as a whole, and

the stripe pattern is arranged along a stature direction of a body.