CLAIMS

1. An eyeglass lens configured to cause rays that have entered from the object-side surface to be emitted from the eyeball-side surface, and cause the emitted rays to converge at a predetermined position A, the eyeglass lens comprising:

a lens base material having a plurality of base material convex portions on at least one of the object-side surface and the eyeball-side surface, and

a coating film covering the surface provided with the base material convex portions,

wherein

the coating film has a hard coating film and an antireflection film,

the coating film has a thickness of 3.0 μm or less

a shape of an outermost surface of the coating film includes a coating film convex portion originating from the base material convex portion,

the coating film convex portion is configured to cause rays that have entered the eyeglass lens to converge at the position B that is closer to the object than the predetermined position A is,

a relationship between a protruding length L_c of the coating film convex portion and a protruding length L_l of the base material convex portion satisfies Formula (1) below,

$$0.6 \leq L_c / L_l \leq 1.5 \cdots \text{Formula (1)}$$

the maximum absolute value in a lens thickness direction between a shape of the coating film convex portion and a shape of the base material convex portions is 0.1 μm or less

the coating film convex portion is configured to cause rays that have entered the eyeglass lens to converge at the position B that is closer to the object than the predetermined position A is by an amount in a range of more than 0 mm and 10 mm or less.

2. The eyeglass lens according to any of claim 1,

wherein the full width at half maximum at a base of the coating film convex portion is 0.20 mm or less in a profile curve of an astigmatism distribution of the outermost surface shape of the coating film.

3. The eyeglass lens according to any of claim 1 or 2,

wherein the coating film includes a λ/4 film that is in contact with the lens base material, the hard coating film formed on the λ/4 film, and the antireflection film formed on the hard coating film.

4. The eyeglass lens according to claim 3,

wherein a refractive index of the lens base material is higher than that of the λ/4 film, and a refractive index of the λ/4 film is higher than that of the hard coating film.