CLAIMS

1. A lens element intended to be worn in front of an eye of a person comprising:
- a refraction area having a refractive power based on a prescription for said eye of the person; and
- a plurality of at least three non-contiguous optical elements, at least one optical element having a non-spherical optical function, at least one of the non-contiguous optical elements is a multifocal refractive micro-lens comprising an aspherical surface, wherein the aspherical microlenses have an asphericity comprised between 0.1D and 3D or the asphericity of the aspherical microlenses after the coating of the surface of the lens element on which the optical elements are disposed further varies according to the radial distance from the optical center of said lens element.

2. The lens element according to claim 1, wherein at least one of the non-contiguous optical elements is a multifocal refractive micro-lens.

3. The lens element according to the preceding claim, wherein the at least one multifocal refractive micro-lens comprises an aspherical progressive surface.

4. The lens element according to claim 2 or 3, wherein the at least one multifocal refractive micro-lens comprises a toric surface.

5. The lens element according to any of the preceding claims, wherein at least one of the non-contiguous optical elements is a toric refractive micro-lens .

6. The lens element according to claim 1, wherein at least one of the non-contiguous optical elements is made of a birefringent material.

7. The lens element according to any of the preceding claims, wherein at least one of the non-contiguous optical elements is a diffractive lens.

8. The lens element according to claim 7, wherein the at least one diffractive lens comprises a metasurface structure.

9. The lens element according to 7 or 8, wherein at least one non-contiguous optical elements is a multifocal binary component.

10. The lens element according to any of the preceding claims, wherein at least part, for example all, of the non-contiguous optical elements are located on afront surface of the lens element.

11. The lens element according to any of the preceding claims, wherein at least part, for example all, of the non-contiguous optical elements are located on a back surface of the lens element.

12. The lens element according to any of the preceding claims, wherein at least part, for example all, of the non-contiguous optical elements are located between a front and the back surfaces of the lens element.

13. The lens element according to any of the preceding claims, further comprising an ophthalmic lens bearing the refraction area and a clip-on bearing the plurality of at least three non-contiguous optical elements adapted to be removably attached to the ophthalmic lens when the lens element is worn.

14. A lens element according to any of the preceding claims, wherein for every circular zone having a radius comprised between 2 and 4 mm comprising a geometrical center located at a distance from an optical center of the lens element greater or equal to said radius + 5mm, a ratio between a sum of areas of parts of optical elements located inside said circular zone and an area of said circular zone is comprised between 20% and 70%.