WHAT IS CLAIMED IS:

1. A contact system in a low-voltage switch comprising a bifurcated contact and a movable contact, wherein:

the bifurcated contact has an upper bifurcated end and a lower bifurcated end, wherein electrical contact portions are respectively arranged on insides of the upper bifurcated end and the lower bifurcated end,

electrical contact portions are respectively arranged on upper and lower surfaces of an execution end of the movable contact corresponding to the electrical contact portions of the bifurcated contact,

when the contact system is switched on and powered up, electrodynamic repulsion forces produced at the electrical contact portions of the bifurcated contact are offset, so that the contact system can stably maintain an ON state,

wherein the bifurcated contact is U-shaped or C-shaped, and when the contact system is switched on and powered up, the current flowing through the upper bifurcated end is less than the current flowing through the lower bifurcated end.

2. The contact system of claim 1, wherein the bifurcated contact and the electrical contact portions of the bifurcate contact form an integral structure with homogeneous material.

3. The contact system of claim 1, wherein the parts of the bifurcated contact except for the electrical contact portions are of a combinatory structure with multiple connection pieces in the thickness direction or a monolithic structure, wherein the material of at least one of the multiple connection pieces has a higher elasticity modulus than that of the rest of the multiple connection pieces.

4. The contact system of claim 1, wherein the electrical contact portions of the bifurcated contact or the removal contact are of low contact resistance and are

formed of electric arc-resistant material.

5. The contact system of claim 1, wherein the bifurcated contact is arranged with a rotating center hole, current is distributed from the rotating center hole to the upper bifurcated end and the lower bifurcated end, and the resistance of the upper bifurcated end is greater than that of the lower bifurcated end.

6. The contact system of claim 1, wherein all or part of the surfaces of the electrical contact portions of the upper bifurcated end and the lower bifurcated end that face each other are arc surfaces, the arc surfaces are used for electrical contact and making space in the process of connecting or disconnecting the bifurcated contact with the movable contact.

7. The contact system of claim 1, wherein the bifurcated contact is Y-shaped or V-shaped, when the contact system is switched on and powered up, the current flowing through the upper bifurcated end is equal to the current flowing through the lower bifurcated end.

8. The contact system of claim 1 or 7, wherein the bifurcated contact is arranged with a restoration structure for restoring the bifurcated contact with the assistance of a restoring spring or clips after the bifurcated contact is disconnected with the removable contact.

9. A low-voltage switch comprising a arc-extinguishing chamber, an operating mechanism and a contact system of any one of claims 1-8.