hole of said hinge housing outwardly from said hinge housing and is coupled to said flip cover, so that it rotates together with said flip cover;

a hinge cam arranged in said hinge housing in such a fashion that it faces said hinge shaft in said rotating axis direction, said hinge cam having, at one longitudinal portion thereof, a pair of mountain-shaped protrusions respectively provided with facing cam surfaces defining a valley-shaped portion therebetween, and, at the other longitudinal portion thereof, a mounting protrusion extending in said rotating axis direction, said hinge cam engaging at said valley-shaped portion with said mountain-shaped portion of said hinge shaft in such a fashion that it slides straight in said rotating axis direction in accordance with said rotation of said hinge shaft;

a hinge spring arranged in said hinge housing in said rotating axis direction in such a fashion that it is mounted to said mounting protrusion of said hinge cam at one end thereof and is in contact with the other lateral end wall of said hinge housing at the other end thereof, said hinge spring serving to urge said hinge cam toward said hinge shaft in said rotating axis direction;

a hinge cover removably mounted to said hinge housing and adapted to close said opened upper end of said hinge housing, said hinge cover being provided with at least one engagement protrusion adapted to engage with said engagement hole of said hinge housing in a state in which said hinge cover closes said opened upper end of said hinge housing; and

means for guiding said straight sliding movement of said hinge cam in said rotating axis direction;

wherein said hinge shaft, said hinge cam, and said hinge spring are assembled in said hinge module through said opened upper end of said hinge housing.

9. The hinge mechanism according to claim **8**, wherein said hinge means comprises a pair of hinge protrusions respectively protruded from opposite lateral ends of said hinge cover, and a pair of hinge holes respectively formed at said lateral end walls of said hinge housing and engaged with said hinge protrusions.

10. The hinge mechanism according to claim **8**, said hinge means comprises a connecting member for connecting said hinge cover to said hinge housing, said connecting member being made of a plastic material while having a structure having a small thickness to exhibit a flexibility.

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