being screwed onto the upper surface of the base plate; a stop block is transversely disposed on the end face of said head end of said spindle link and is arranged to reciprocate between said two limiting screws along with the rotation of said spindle link.

7. The fan oscillating mechanism as claimed in claim 6, wherein said fan suspension tube has a baffle plate provided on the top, and one of said two limiting screws is a longer screw extending through said base plate of said spindle base, said longer screw has a downwardly protruding abutting segment configured to stop said baffle plate from rotating beyond 360 degrees when said fan suspension tube is in a free state.

8. A ceiling fan, comprising:

a motor transmission mechanism;

a clutch member connecting to a fan suspension tube; and

a spindle link coupling said motor transmission mechanism with said clutch member;

wherein said clutch member provides a rotational resistance; when said motor is actuated, said driving shaft rotates said crank plate to move said connecting rod so as to rotate said spindle link, whereby said spindle link induces a rotating torque that is smaller than said rotational resistance of said clutch member, and thus the spindle link moves said fan suspension tube to rotate; when said fan suspension tube is subjected

to an external rotational force greater than said rotational resistance of said clutch member, said fan suspension tube runs free.;

~~9. The ceiling fan as claimed in claim 8,~~ wherein said clutch member includes at least one wave washer disposed between said spindle link and said fan suspension tube.