THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A filtration media cleansing apparatus that cleanses filtration media for purifying liquids, comprising:

an upright outer cylinder having an inlet through which the filtration media are introduced into the interior of the outer cylinder and an outlet for expelling the filtration media to the exterior of the outer cylinder after cleansing is complete;

a screw conveyor provided within the outer cylinder so as to be rotatable, equipped with a spiral blade for conveying the filtration media introduced through the inlet upward while scrubbing the filtration media;

a drive section that rotationally drives the screw conveyor; and

a control section that controls the rotation of the drive section wherein:

the screw conveyor has a regulating blade that regulates upward movement of the filtration media, provided above the spiral blade coaxially with the screw conveyor and about the periphery of a central shaft thereof;

the outlets are provided to expel the filtration media which are conveyed from the space between the spiral blades and the regulating blade of the screw conveyor; and

wherein:

the outer cylinder is equipped with a cleansing liquid introducing aperture above at least the regulating blade within the outer cylinder.

2. A filtration media cleansing apparatus as defined in Claim 1, comprising:

a permeation aperture, through which cleansing liquid which is introduced through the cleansing liquid introducing aperture, being formed in the regulating blade.

3. A filtration media cleansing apparatus as defined in either one of Claims 1 and 2, wherein:

the regulating blade is a blade being formed as a spiral blade having a spiral in a direction opposite that of the spiral blade.

4. A filtration media cleansing apparatus as defined in Claim 3, wherein:

the pitch of the spiral of the regulating blade is smaller than the pitch of the spiral of the spiral blade.

5. A filtration media cleansing apparatus as defined in either one of Claims 1 and 2, wherein:

the regulating blade is formed in a planar shape.

6. A filtration media cleansing apparatus as defined in Claim 5, comprising:

a planar blade that extends in a direction perpendicular to the plane of the regulating blade and having a surface that faces the rotating direction of the regulating blade being provided on the upper and/or lower surface of the regulating blade.

7. A filtration media cleansing apparatus as defined in either one of Claims 1 and 2, wherein:

the regulating blade is formed in the shape of an umbrella that opens in the downward direction.

8. A filtration media cleansing apparatus as defined in Claim 7, comprising:

a planar blade that extends in a direction perpendicular to the plane of the regulating blade and having a surface that faces the rotating direction of the regulating blade being provided on the upper and/or lower surface of the regulating blade.

9. A filtration media cleansing apparatus as defined in any one of claims 1 to 8, to be employed as an externally mounted filtration media for a filtration apparatus equipped with a filtration tank having a layer of the filtration media in the interior thereof that

filters supplied liquid with the layer of filtration media, and discharges filtered liquid to the exterior of the filtration tank, further comprising pipes for connecting the inlet and the outlet of the outer cylinder with the filtration tank.