CLAIMS

1. A cleaning system comprising:
a housing;
a supply assembly connected to the housing for providing
a cleaning liquid to an object;
a collection assembly supported by the housing for receiving the
cleaning liquid from the object;
wherein the collection assembly includes a flexible sheet
for at least partially wrapping around the object to
collect the cleaning liquid.

2. The system of claim 1, wherein the collection assembly further comprising:
a tank attached to the housing;
a tray to which the flexible sheet is attached, wherein the flexible sheet is
foldable into the tray and expandable from the tray, and;
a discharge pipe connected between the tank and the tray, wherein the discharge
pipe is to support the tray to the housing and to direct the cleaning liquid
collected by the flexible sheet to the tank.

3. The apparatus of claim 0, wherein the discharge pipe comprising:
a vertically arranged first discharge pipe segment;
a horizontally arranged second discharge pipe segment; and
a vertically arranged third discharge pipe segment,
wherein the first discharge pipe segment has one end connected to the tank and
another end connected to the second discharge pipe segment;
the third discharge pipe segment has one end connected to the tray at a first
fixing portion, and another end connected to the second discharge pipe segment
such that the third discharge pipe segment is offset from the first discharge pipe
segment.

4. The apparatus of claim 3, wherein the second discharge pipe segment is rotatable relative to the housing about the first discharge pipe segment and the tray is rotatable relative to the second discharge pipe segment about the third discharge pipe segment by which, the tray is movable relative to the housing between a first position at which the tray is positioned above the housing and a second position at which the tray is at least partially positioned beyond a side surface of the housing.

5. The apparatus of claim 3, further comprising a first support sleeve attached to the housing, wherein the first discharge pipe segment is telescopically arranged in the first support sleeve by which the first discharge pipe segment is slidable relative to the first support sleeve to vary the height of the tray.

6. The system of claim 0, wherein the collection assembly further comprising an auxiliary pipe connected between the housing and the tray to support the tray to the housing. and a link pipe joining the discharge pipe and the auxiliary pipe, wherein the link pipe and the auxiliary pipe are fluidically connected to each other, and the link pipe and the discharge pipe are fluidically isolated from each other.

7. The system of claim 6, further comprising an air pump disposed in the housing, wherein the auxiliary pipe has an air-inlet connected to the air pump, the link pipe has an air-outlet in fluid communication with the air-inlet to allow compress air supply from the air-inlet to the air-outlet.

8. The system of claim 6,
wherein the discharge pipe comprising:
a vertically arranged first discharge pipe segment;
a horizontally arranged second discharge pipe segment; and
a vertically arranged third discharge pipe segment,
wherein the first discharge pipe segment has one end connected to the tank and another end connected to the second discharge pipe segment;
the third discharge pipe segment has one end connected to the tray at a first fixing portion, and another end connected to the second discharge pipe

segment such that the third discharge pipe segment is offset from the first discharge pipe segment.
wherein the auxiliary pipe comprising:
a vertically arranged first auxiliary pipe segment;
a horizontally arranged second auxiliary pipe segment; and
a vertically arranged third auxiliary pipe segment,
wherein the first auxiliary pipe segment has one end connected to the housing and another end connected to the second auxiliary pipe segment;
the third auxiliary pipe segment has one end connected to the tray at a second fixing portion, and another end connected to the second auxiliary pipe segment such that the third auxiliary pipe segment is offset from the first auxiliary pipe segment.

9. The apparatus of claim 8, wherein the second discharge pipe segment and the second auxiliary pipe segment are each rotatable relative to the housing and the tray is rotatable relative to each of the second discharge pipe segment and the second auxiliary pipe segment by which, the tray is movable relative to the housing between a first position at which the tray is positioned above the housing and a second position at which the tray is positioned beyond a side surface of the housing.

10. The apparatus of claim 9, wherein the first and second fixing portions are located at one side of the tray such that when the tray is at the second position an opposite side of the tray is positioned beyond a side surface of the housing.

11. The apparatus of claim 8, further comprising a first support sleeve and a second support sleeve attached to the housing, wherein the first discharge pipe segment is telescopically arranged in the first support sleeve by which the first discharge pipe segment is slidable relative to the first support sleeve, and wherein the first auxiliary pipe segment is telescopically arranged in the second support sleeve by which the first auxiliary pipe segment is slidable relative to the second support sleeve to vary the height of the tray.

12. The system of claim 1, wherein the supply assembly further comprising a fluid pump disposed in the housing and a jet gun connected to the fluid pump through a flexible hose to supply pressured liquid to the jet gun.

13. The system of claim 12, wherein the jet gun comprising:

an inlet fitting;

a nozzle;

a flexible conduit connected to the inlet fitting and the nozzle by which twisting

of the nozzle relative to the inlet fitting is restricted, and

an angled rigid sleeve through which the flexible conduit passes, wherein a first end of the rigid sleeve is rotatably connected to the inlet fitting and a second end of the rigid sleeve is rotatably connected to the nozzle.

14. The system of claim 12, further comprising a hermetically sealed container to store a cleaning agent therein, wherein the hermetically sealed container is connected to the flexible hose through a control valve and a T-joint, wherein the control valve is operable between a close position at which supply of the cleaning agent from the container is blocked and an open position at which supply of pressured water from the fluid pump to the container and supply of the cleaning agent from the container to the jet gun is allowed.

15. A jet gun comprising:

an inlet fitting;

a nozzle;

a flexible conduit connected to the inlet fitting and the nozzle by which twisting

of the nozzle relative to the inlet fitting is restricted, and

an angled rigid sleeve through which the flexible conduit passes, wherein a first end of the rigid sleeve is rotatably connected to the inlet fitting and a second end of the rigid sleeve is rotatably connected to the nozzle.

Claims

1. A cleaning system comprising:

a housing;

a water supply assembly supported by the housing and for providing water for cleaning a device;

a water collection assembly supported by the housing for receiving the water after the cleaning the device;

wherein the water collection assembly includes a flexible sheet which is capable of at least partially wrapping around the device to prevent leaking or splashing of the water during cleaning.