WHAT IS CLAIMED IS:

1. A workpiece unit comprising:

a workpiece;

a tape stuck to the workpiece; and

an annular frame to which an outer circumferential edge of the tape is stuck and which has an opening defined centrally therein,

the workpiece being disposed in the opening in the annular frame and supported on the annular frame by the tape,

wherein at least one of the tape and the annular frame has an irreversible discoloring section that discolors in response to an external stimulus, and

wherein the irreversible discoloring section comprises an ultraviolet ink that irreversibly discolors when irradiated with ultraviolet radiation.

2. The workpiece unit according to claim 1, wherein the tape discolors in its entirety in response to the external stimulus.

3. The workpiece unit according to claim 1, wherein the tape includes a base member and a glue layer, and the glue layer is hardened when irradiated with an ultraviolet radiation as the external stimulus.

4. The workpiece according to claim 1, wherein the ultraviolet ink is applied to at least a portion of the annular frame.

5. The workpiece according to claim 1, wherein the ultraviolet ink is interposed between a base layer and an adhesive layer of the tape.

6. The workpiece according to claim 1, wherein the ultraviolet ink is incorporated into an adhesive layer of the tape.

7. The workpiece unit according to claim 1, wherein the ultraviolet ink discolors in response to being irradiated with ultraviolet radiation having a wavelength of between 300 nm and 400 nm.

8. A workpiece unit comprising:

a workpiece;

a tape stuck to the workpiece;

an annular frame to which an outer circumferential edge of the tape is stuck and which has an opening defined centrally therein; and

an annular area defined between an outer circumferential edge of the workpiece and an inner circumferential edge of the annular frame, wherein the tape is exposed at the annular area;

wherein the workpiece is disposed in the opening in the annular frame and supported on the annular frame by the tape,

wherein the tape has an irreversible discoloring section that discolors in response to an external stimulus, and

wherein the irreversible discoloring section is visible in the annular area between the outer circumferential edge of the workpiece and the inner circumferential edge of the annular frame to alert a user whether or not a process has been performed upon the workpiece unit.

9. The workpiece unit according to claim 8, wherein the external stimulus is a temperature change.

10. The workpiece unit according to claim 8, wherein the external stimulus is a temperature change, and the discoloring section discolors to a first color at a first temperature and discolors to a second color different from the first color at a second temperature different from the first temperature.

11. A workpiece unit comprising:

a workpiece;

a tape stuck to the workpiece;

an annular frame to which an outer circumferential edge of the tape is stuck and which has an opening defined centrally therein, wherein the workpiece is disposed in the opening in the annular frame and is supported on the annular frame by the tape; and

an ultraviolet radiation detecting seal affixed to a portion of the annular frame between the outer circumferential edge of the tape and an outer circumferential edge of the annular frame,

wherein the ultraviolet radiation detecting seal discolors in response to being irradiated with ultraviolet radiation.

12. The workpiece unit according to claim 11, wherein the ultraviolet radiation detecting seal discolors in response to being irradiated with ultraviolet radiation having a wavelength of between 300 nm and 400 nm.

13. The workpiece unit according to claim 11, wherein the ultraviolet radiation detecting seal comprises an adhesive layer, a base layer, and a discoloring layer, wherein the discoloring layer discolors when irradiated with ultraviolet radiation.

14. The workpiece unit according to claim 13, wherein the discoloring layer comprises an ultraviolet ink.