ABSTRACT

A gas supply system includes a cabinet, a fastening device fastenable a valve of a gas container while aligned with the gas container, a mobile robot device detachably connected to the fastening device and configured to move and operate the fastening device. The mobile robot device includes a body, a first collaborative robot disposed on the body, a second collaborative robot disposed on the body, a three-dimensional (3D) vision camera configured to collect an image, and a controller configured to control an operation of the first collaborative robot and an operation of the second collaborative robot based on the collected image.

Figure 2A