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Valley Road, Phoenix, AZ 85027 (US).(72) Inventors: ROWE, Thomas; 33902 North 23rd Drive,
Phoenix, AZ 85085 (US). O'DONNELL, Arthur; 1553
South Malabar Lane, Gilbert, AZ 85296 (US).(74) Agent: ONEY, Richard, E.; Tiffany & Bosco, P.A., 2525
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(54) Title: MINIGUN WITH IMPROVED BARREL CLAMP

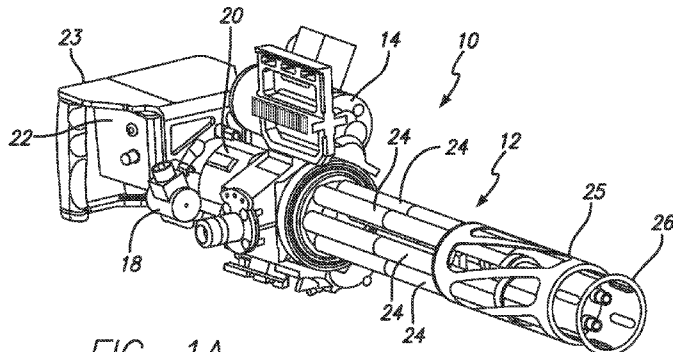


FIG. 1A

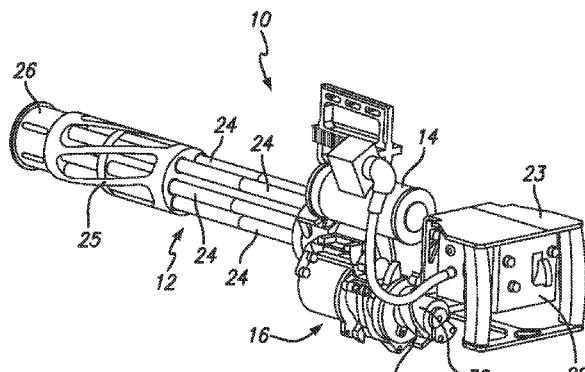


FIG. 1B

(57) Abstract: An improved barrel clamp assembly for a
multi-barreled minigun includes a barrel clamp tube having
a front end, a rear end, and a plurality of longitudinal open-
ings extending between the front end and the rear end. An
impeller is mounted in the barrel clamp tube between the
tube front end and the tube rear end. The impeller includes
a plurality of impeller blades that are spaced around a peri-
phery of the impeller and that project forward from a rear
flange portion of the impeller and the impeller blades define
a plurality of air channels. A barrel assembly includes the
barrel clamp tube, a flash suppressor mounted to the front
end of the barrel clamp tube, and a barrel clamp collar
mounted to the rear end of the barrel clamp tube. The im-
peller is mounted to the barrel clamp tube between the flash
suppressor and the barrel clamp collar.

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- *of inventorship (Rule 4.17(iv))*
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