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- (71) **Applicant:** **ENTEGRIS, INC.** [US/US]; 129 Concord Road, Billerica, Massachusetts 01821 (US).
- (72) **Inventors:** **TAKAHASHI, Junya**; 4-12-8 Kiyomino, Yoshikawa, Saitama 3420058 (JP). **WANG, Cheng-Tai**; Mita Kokusai Bldg., 1-4-28, Mita, Minato-Ku, Tokyo, Tokyo 1080073 (JP).
- (74) **Agent:** **AMICI, Robert M.**; ENTEGRIS, INC., 129 Concord Road, Billerica, Massachusetts 01821 (US).
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- (54) **Title:** CONNECTION ASSEMBLY AND FILTER ASSEMBLY

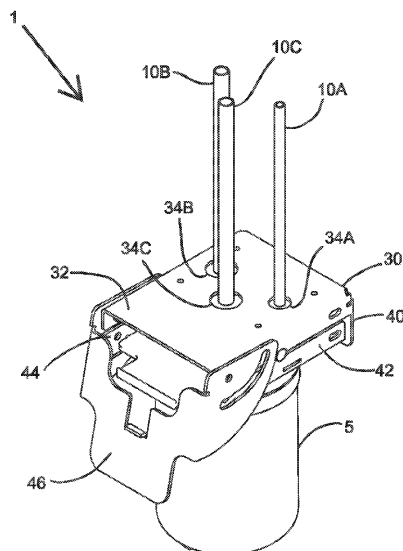


Figure 1

(57) **Abstract:** A connection assembly includes a manifold configured to attach a removable cartridge and a connector pipe with a flange. The flange is disposed between an upper plate and a lower plate of the manifold and has a width that prevents tilting of the connector pipe at greater than a maximum tilt angle. The connector pipe is configured to be inserted into a port of the removable cartridge in which an O-ring is compressed between the connector and the port. A filter assembly includes a manifold, a filter removably attached to the manifold, a connector pipe with a flange disposed between an upper plate and a lower plate of the manifold, and an O-ring. The O-ring is compressed between the connector pipe and the port.

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