

Fig.1

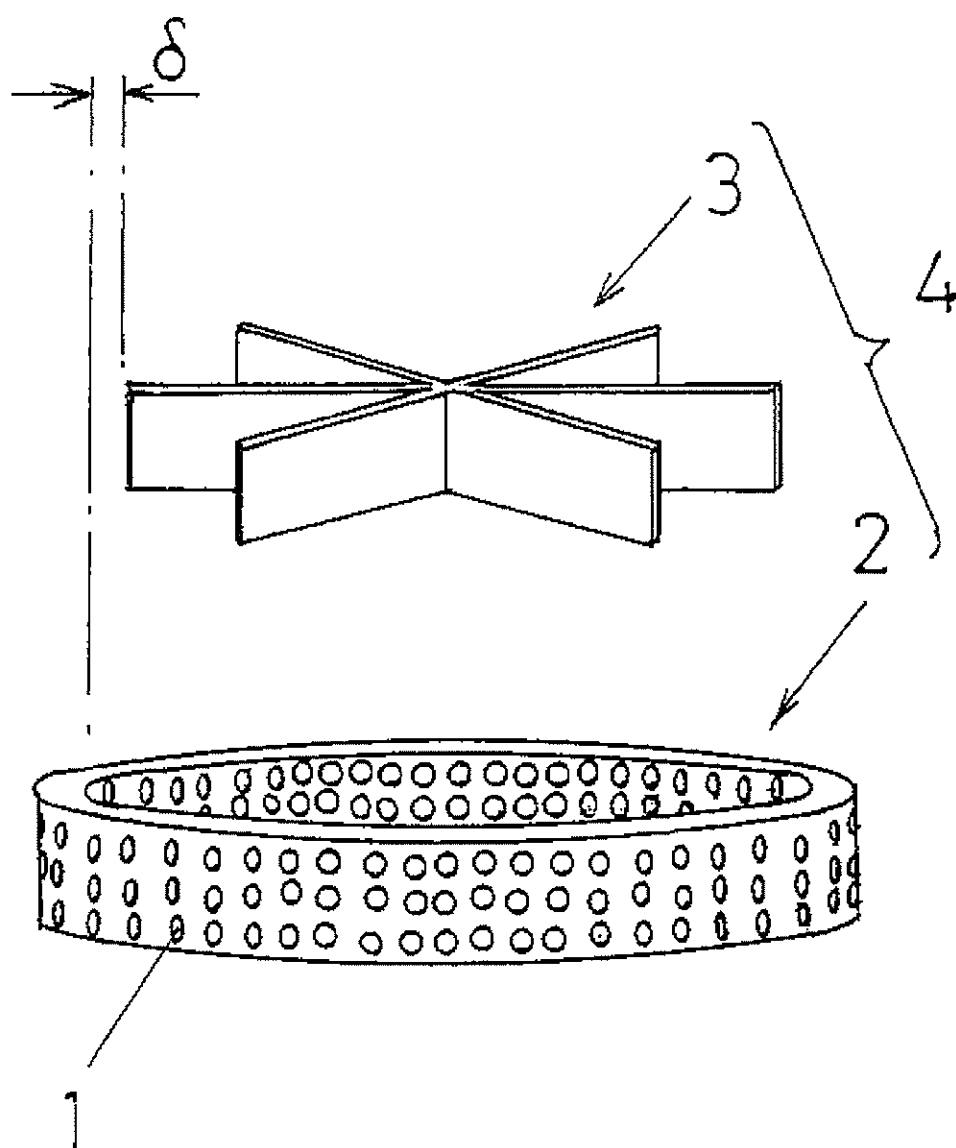
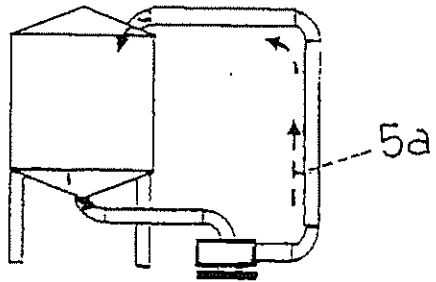


Fig.2

External Circulation



Internal Circulation

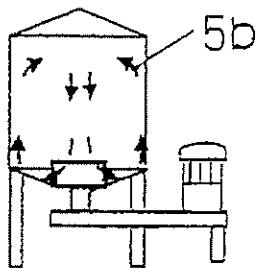


Fig.3

Mixer (Rotor-Stator Type)

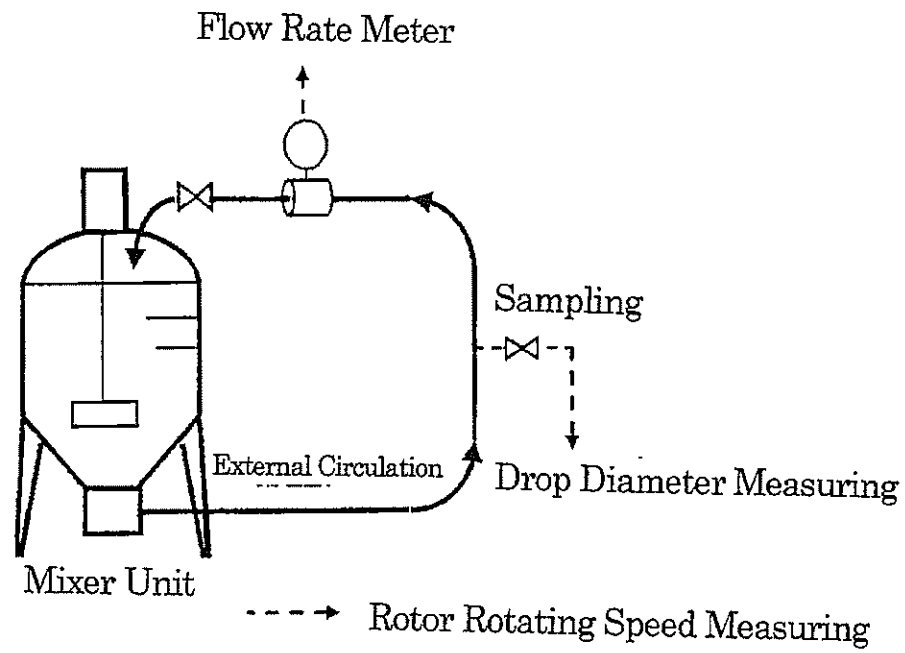
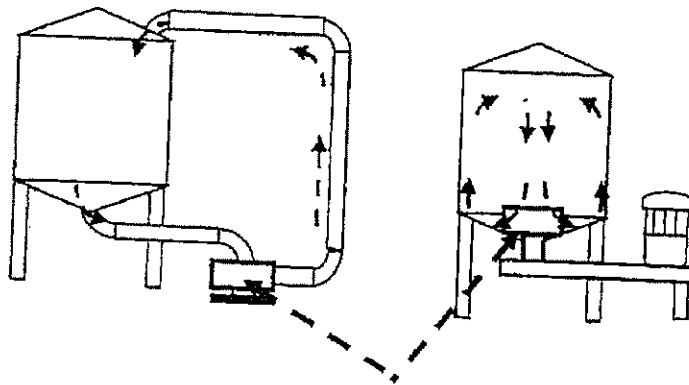


Fig.4

External Circulation Internal Circulation



Mixer Units having Same Configuration

Fig.5

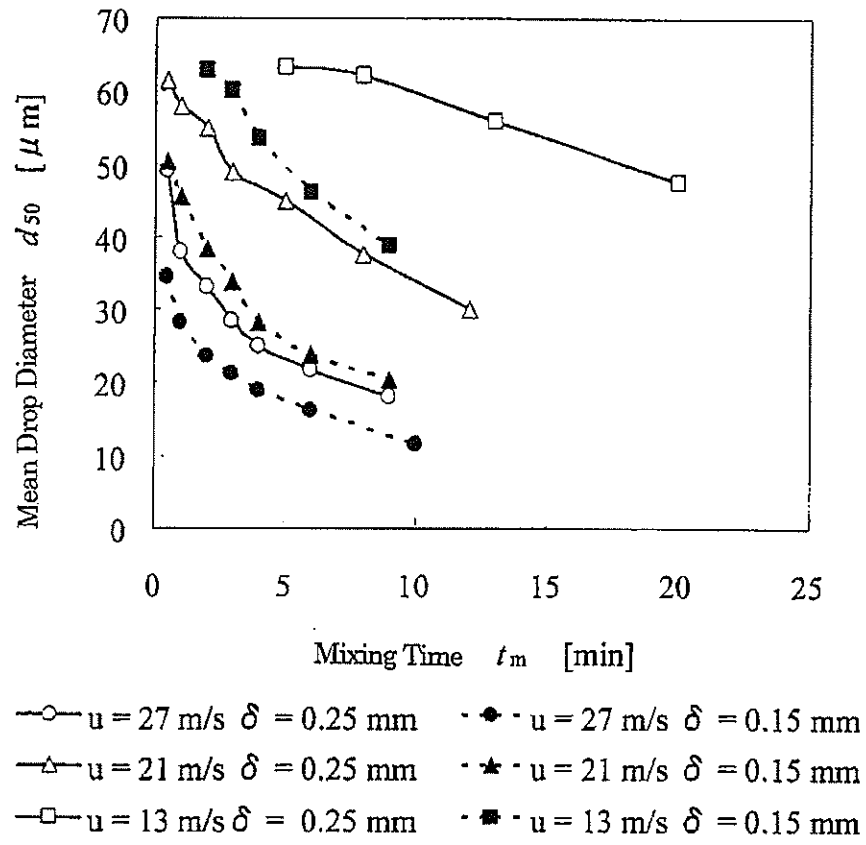


Fig.6

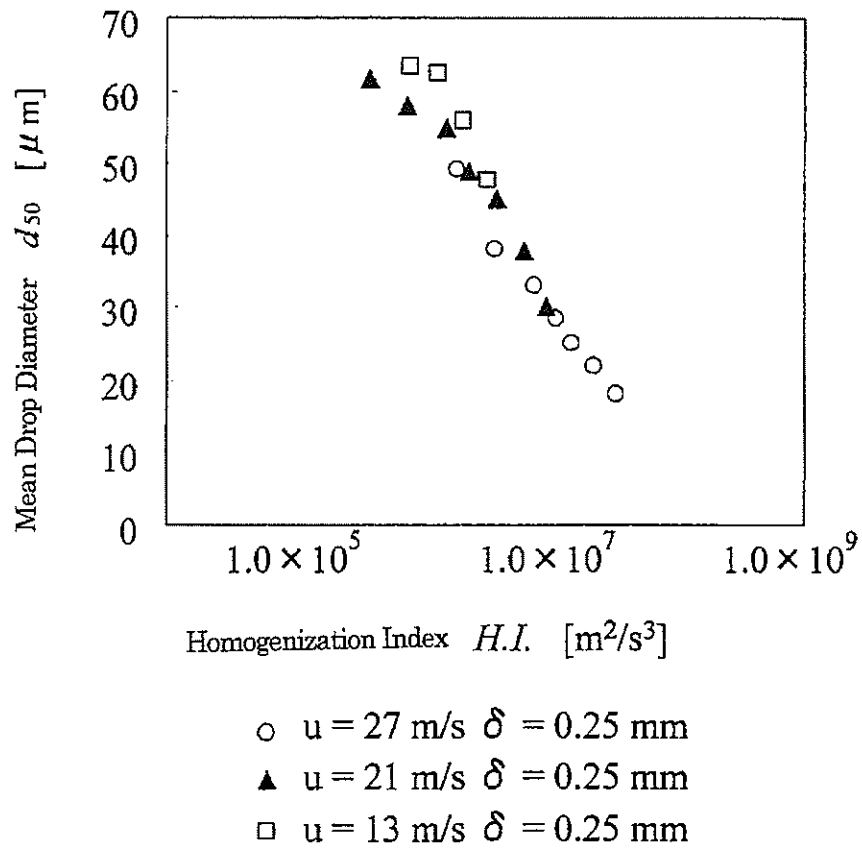
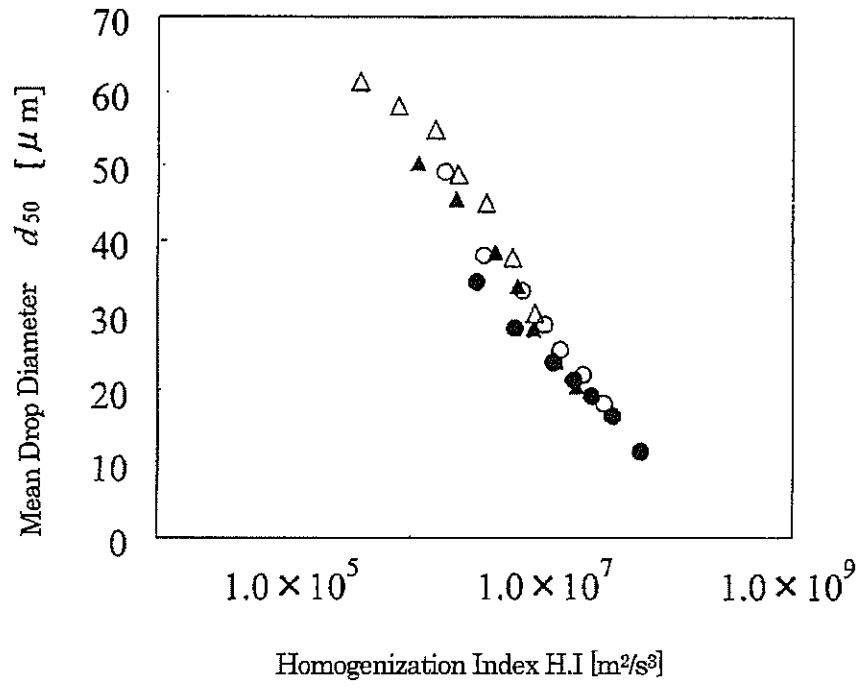


Fig.7



$\circ$ $u = 27$ m/s, $\delta = 0.25$ mm; $\triangle$ $u = 21$ m/s, $\delta = 0.25$ mm
 $\bullet$ $u = 27$ m/s, $\delta = 0.15$ mm; $\blacktriangle$ $u = 21$ m/s, $\delta = 0.15$ mm

Fig.8

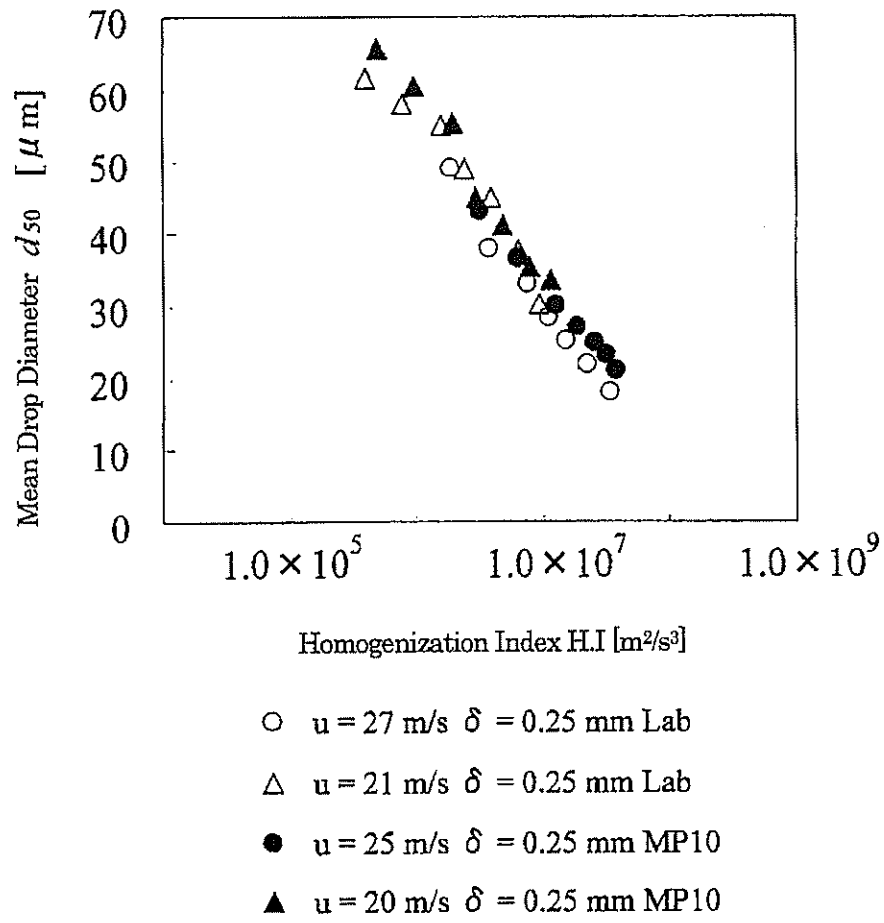
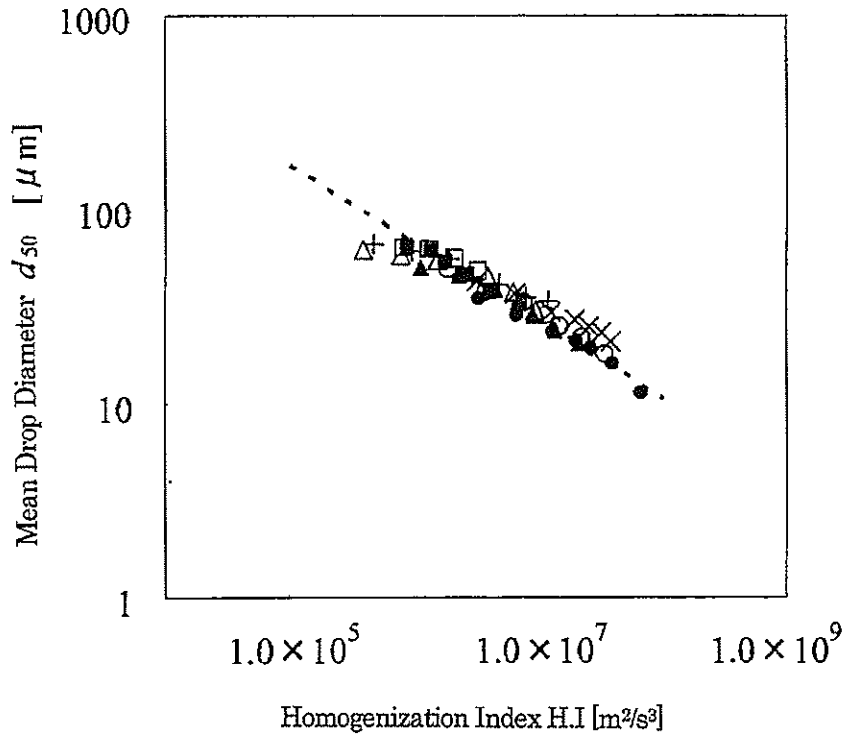


Fig.9



- | | |
|---|--|
| $\circ$ $u = 27 \text{ m/s}$ $\delta = 0.25 \text{ mm}$ Lab | $\bullet$ $u = 27 \text{ m/s}$ $\delta = 0.15 \text{ mm}$ Lab |
| $\triangle$ $u = 21 \text{ m/s}$ $\delta = 0.25 \text{ mm}$ Lab | $\blacktriangle$ $u = 21 \text{ m/s}$ $\delta = 0.15 \text{ mm}$ Lab |
| $\square$ $u = 13 \text{ m/s}$ $\delta = 0.25 \text{ mm}$ Lab | $\blacksquare$ $u = 13 \text{ m/s}$ $\delta = 0.15 \text{ mm}$ Lab |
| $\times$ $u = 25 \text{ m/s}$ $\delta = 0.25 \text{ mm}$ MP10 | $+$ $u = 20 \text{ m/s}$ $\delta = 0.25 \text{ mm}$ MP10 |

$$d_{50} \propto H.I.^{-0.328}, \quad R=0.926$$

C

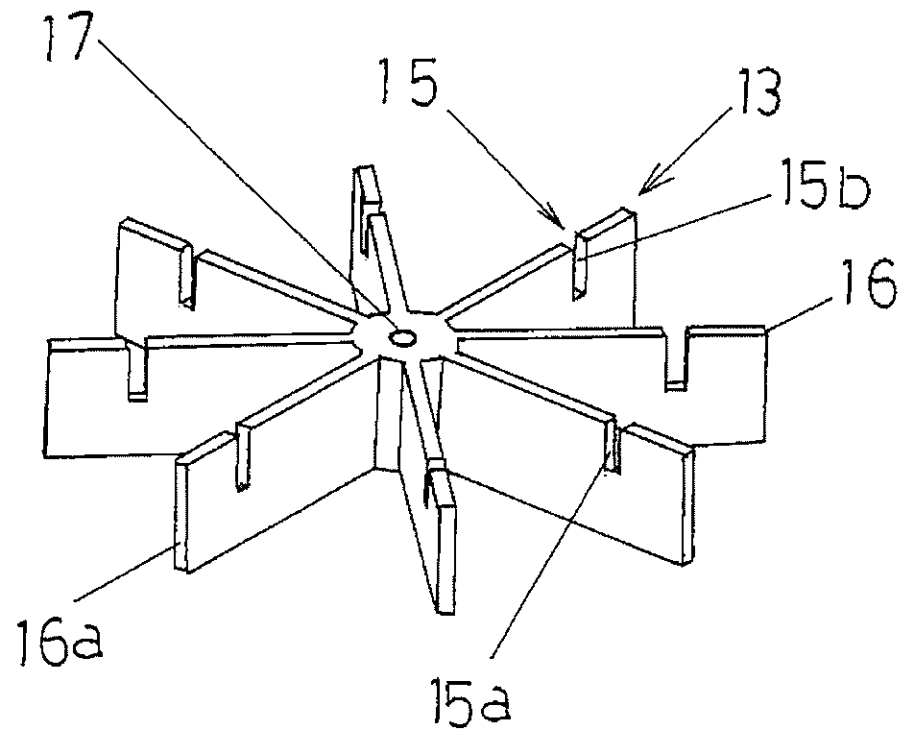


Fig.11

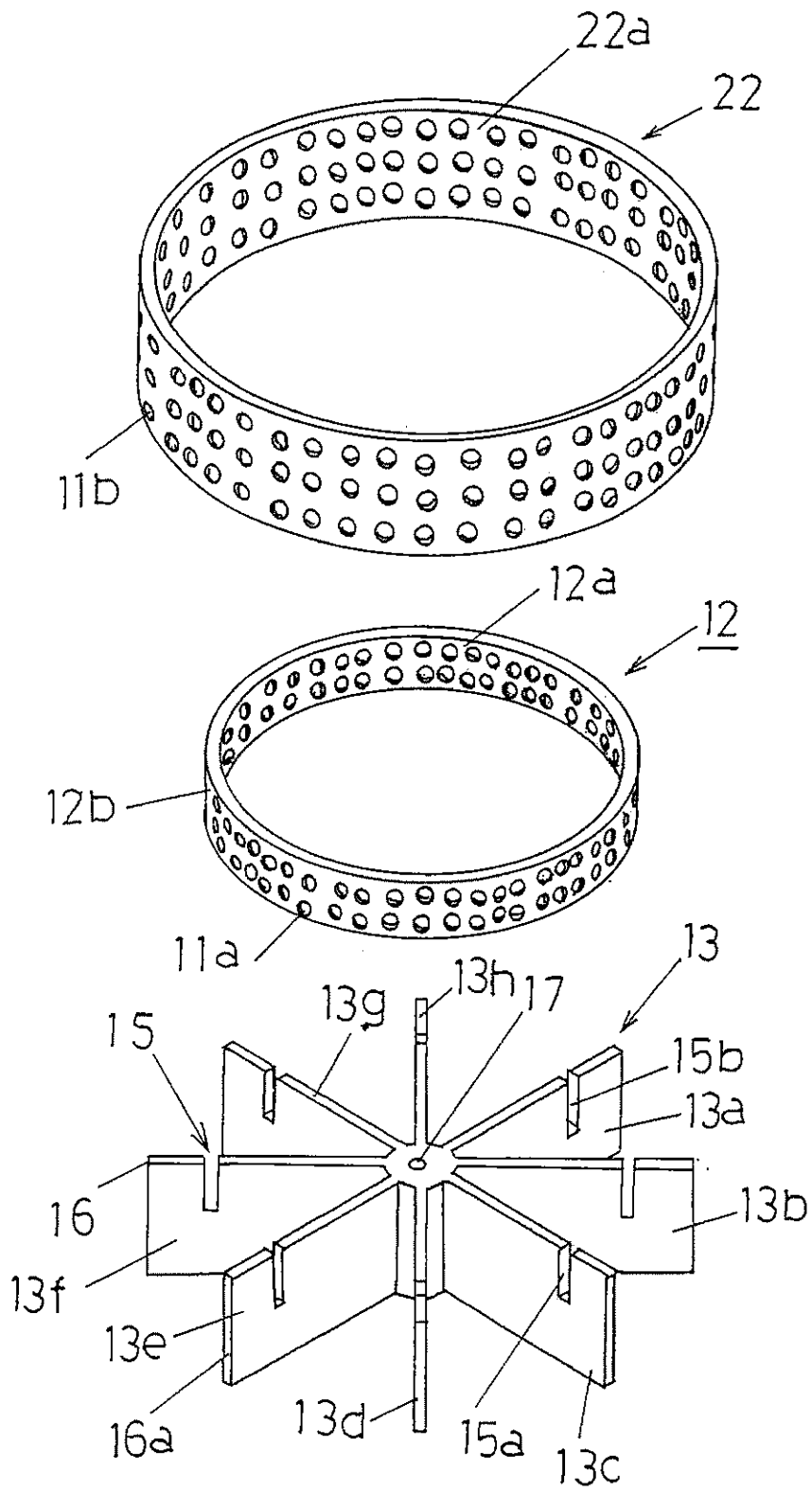


Fig.12

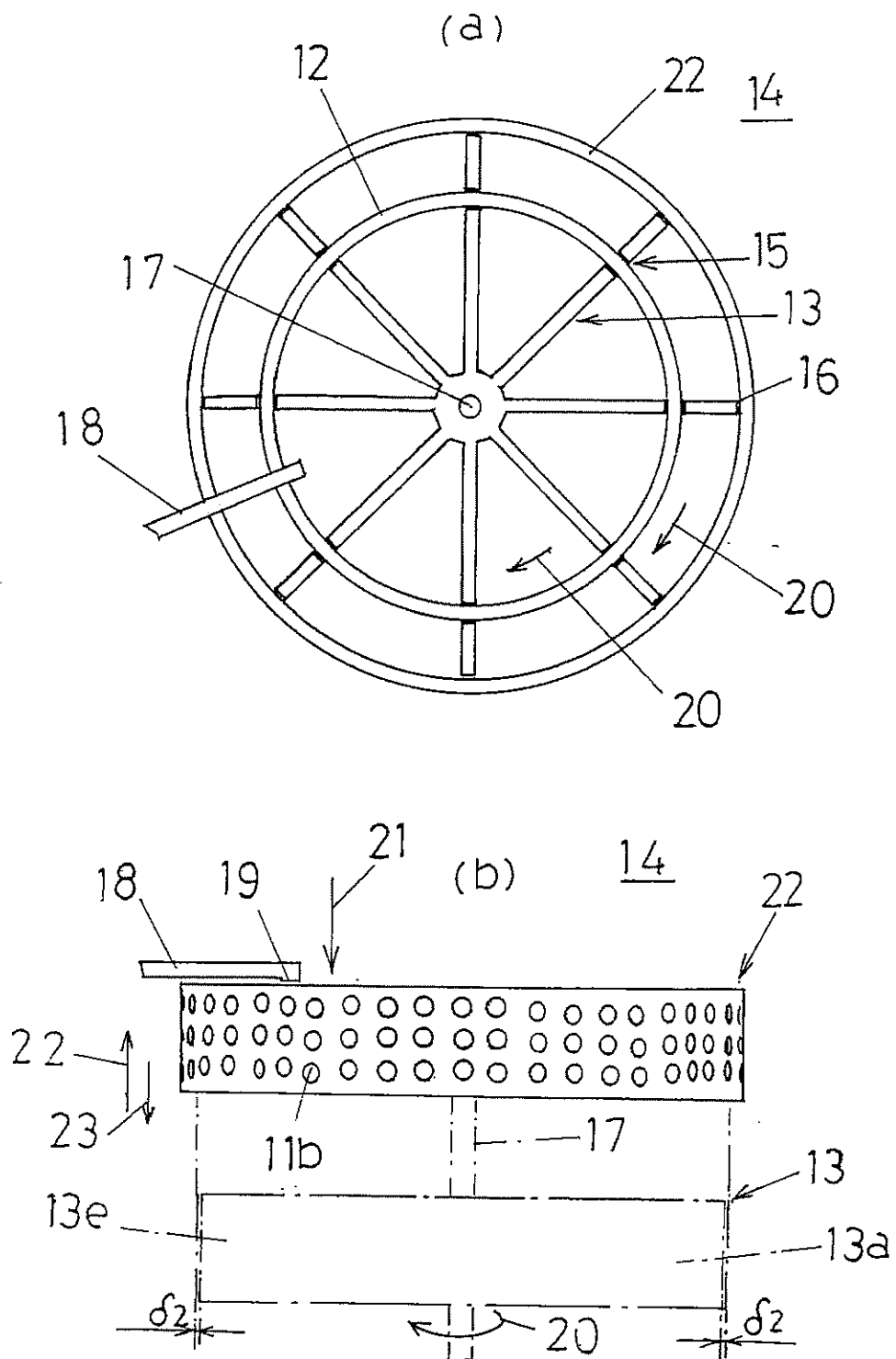


Fig.13

