

ABSTRACT

A wiping sheet 1 has, on at least one side thereof, a three-dimensionally textured surface with raised portions 4 and recessed portions 3 in a macroscopic pattern and includes a fiber aggregate 1A containing profiled fibers 2 having a flat cross-section.

- 5 The profiled fibers 2 that are present in the recessed portions 3 have their cross-sectional major axis generally parallel with the plane of the wiping sheet 1, and the profiled fibers 2 that are present in the raised portions 4 have their cross-sectional major axis generally parallel with a plane perpendicular to the plane of the wiping sheet 1.

Fig. 1(a)

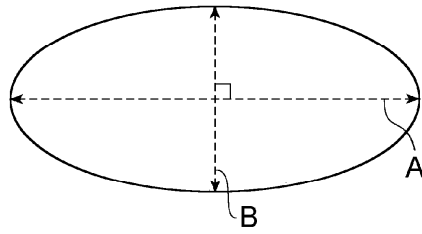


Fig. 1(b)

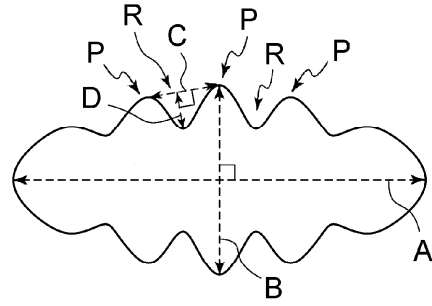


Fig. 2

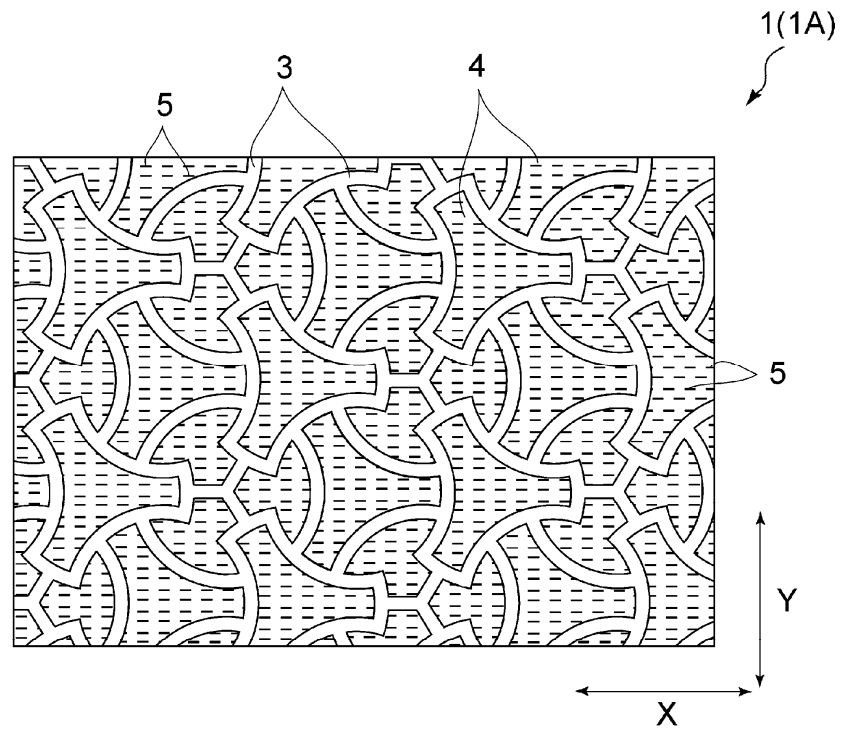


Fig. 3(a)

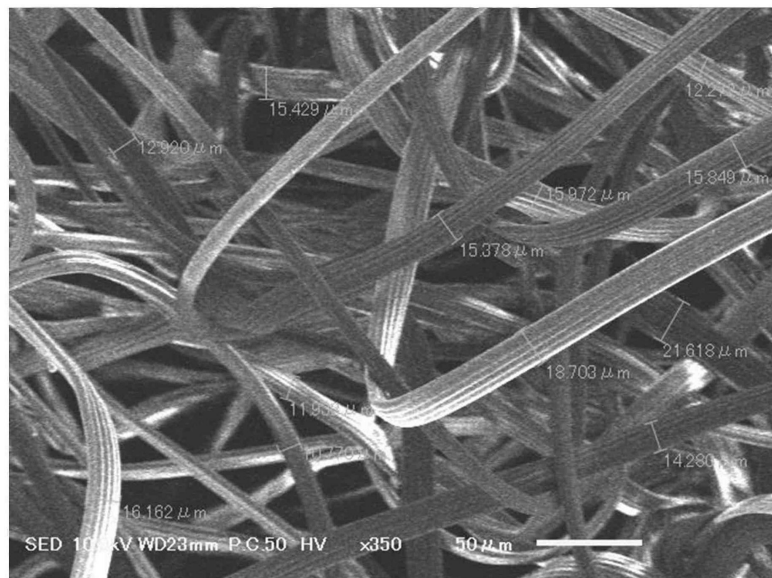
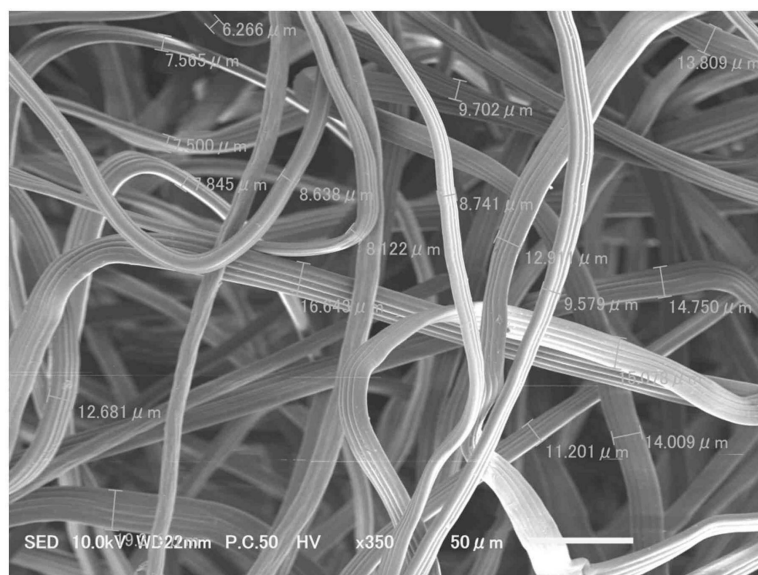


Fig. 3(b)



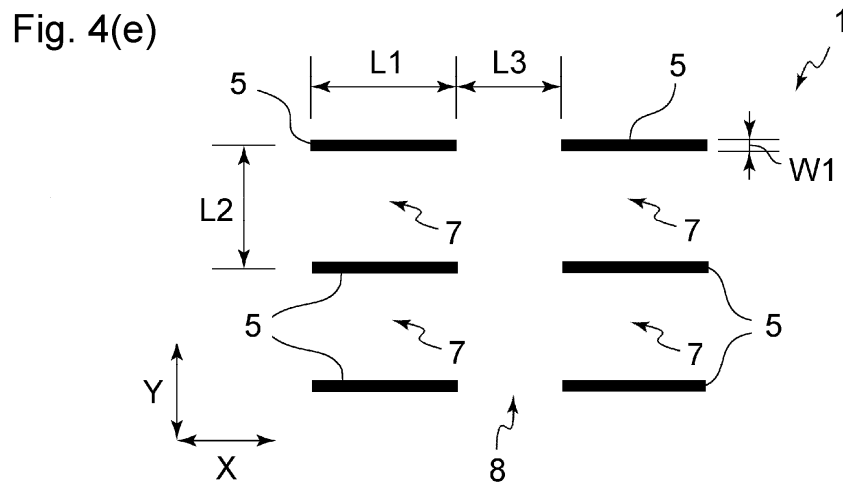
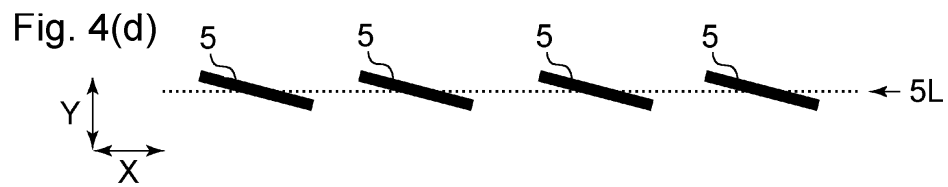
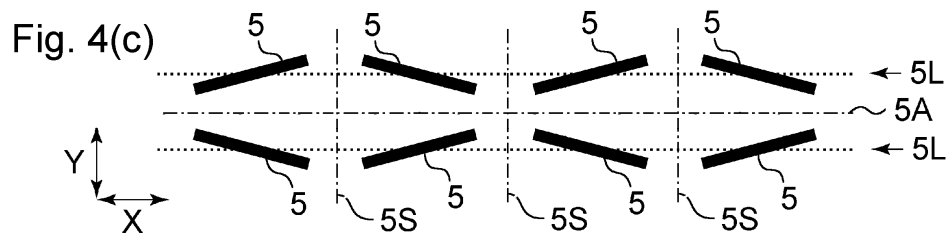
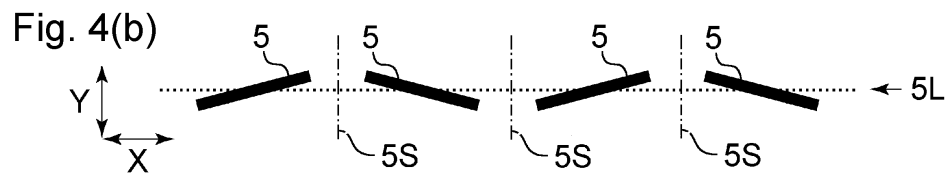
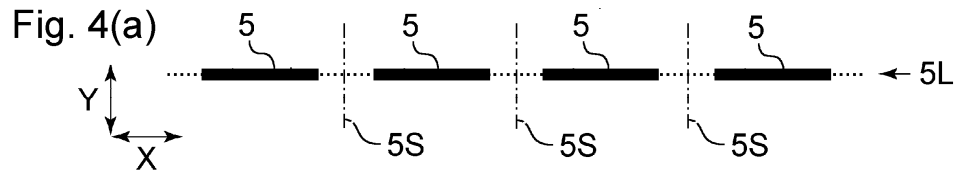


Fig. 5

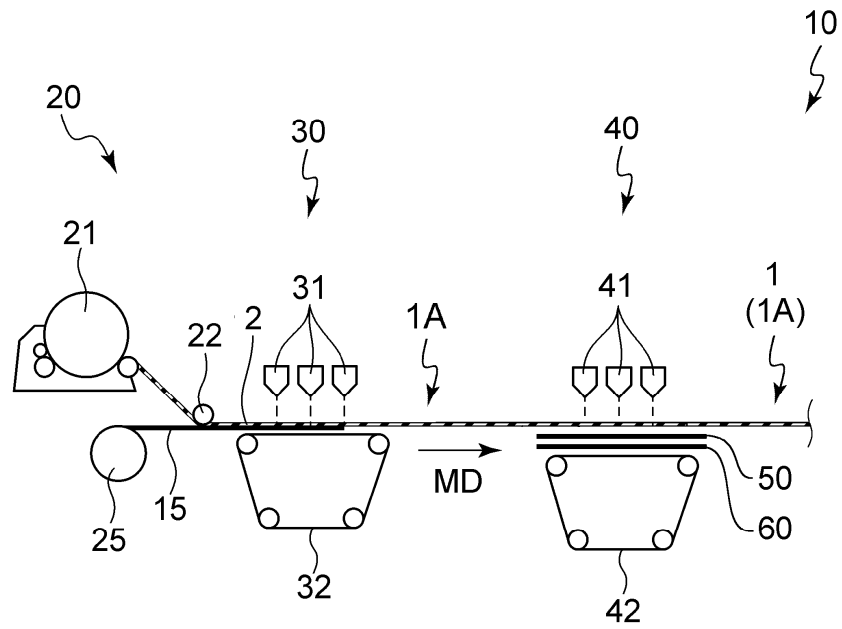


Fig. 6

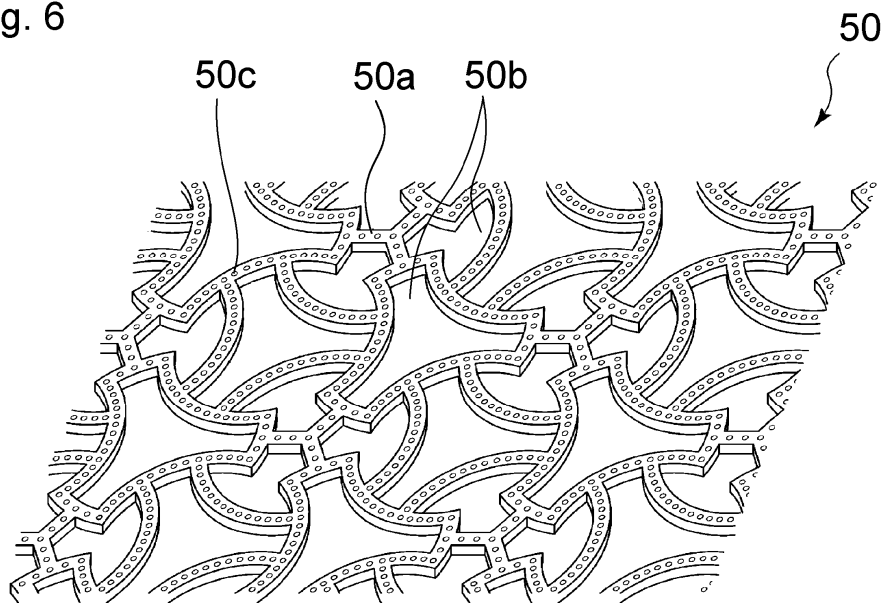


Fig. 7

