

ABSTRACT

ASSEMBLY ELEMENT INCLUDING FORK SHAPED ELASTIC
STRUCTURES AND TIMEPIECE INCLUDING THE SAME

Assembly element (18) made in a plate of brittle material, such as silicon, in particular for a timepiece (10), including an aperture (32) provided for the axial insertion of an arbour (26), the inner wall (33) of the aperture (32) including elastic structures (34) which are etched into the plate and which each include at least one
5 support surface (36, 38) for gripping the arbour (26) radially in order to secure the assembly element (18) relative to the arbour (26). Each elastic structure (34) is formed by a fork which is connected to the inner wall (33) of the aperture by a bridge of material (40) and which includes two branches (42, 44) extending, on either side of the bridge of material (40), generally towards the arbour (26). Each branch (42, 44)
10 includes a support surface (36, 38) in proximity to the free end (46, 48) thereof.

The invention also proposes a timepiece fitted with an assembly element (18) of this type.

Figure 5