

ABSTRACT

STACKED ASSEMBLY OF A PLURALITY OF MODULES FORMING  
AN ELECTRONIC OR ELECTROMECHANICAL DEVICE,  
IN PARTICULAR FOR AN ULTRA-THIN TIMEPIECE

There is described a stacked assembly of a plurality of modules (32, 33, 36) and a timepiece (1) including such an assembly which forms a movement (3). The modules are mounted via assembly orifices on a plurality of mounting pins (24) and assembled by compression between first and second planes (23, 25). In order to  
5 absorb variations in thickness ( $e$ ) of a first element (34) of the assembly, this assembly includes a plurality of tube-shaped intermediate elements, called stepped tubes (8), mounted respectively on the mounting pins, each stepped tube being inserted in an assembly orifice (34a) of the first element. Each stepped tube (8) has:

- first and second reference surfaces (81, 82) separated by a determined  
10 distance ( $d1$ ) greater than the thickness ( $e$ ) of said first element (34) and against which the assembly is supported, and
- a zone (85), between said first and second reference surfaces (81, 82) allowing said first element (34) to be kept in abutment in the assembly, the length ( $d2$ ) of said zone (85), in the direction of said mounting pins (24), being such that it allows  
15 variations in the thickness ( $e$ ) of said first element to be absorbed.

Figure 2