

ASSEMBLY APPARATUS

ABSTRACT OF THE INVENTION

An assembly apparatus (10) is provided. The assembly apparatus (10)
5 includes a first feeding mechanism (12) arranged in use to feed a series of
first components (14), a holding mechanism (16) arranged in use to hold
consecutive ones of the first components (14) in place, a cutter (18) arranged
in use to separate individual ones of the first components (14) while being
held in place by the holding mechanism (16), an inserter (20) arranged in use
10 to push a separated first component (14) into a corresponding opening in a
second component (22), and a drive mechanism (24) coupled to each of the
first feeding mechanism (12), the holding mechanism (16), the cutter (18) and
the inserter (20). The drive mechanism (24) is arranged in use to synchronise
movement of the first feeding mechanism (12), the holding mechanism (16),
15 the cutter (18) and the inserter (20).

[FIG. 1]