

ABSTRACT

DENTAL HANDPIECE

5 Provided is a wall portion dental handpiece capable of improving efficiency in
cutting a root canal of a tooth by using a dental piece such as a reamer. The cam pin 111
and the cam hole 21 or the cam groove 211 are designed so that the size of the cam hole 21
or the cam groove 211 is larger than the size of the cam pin 111 in each of the axial direction
and the circumferential direction of the vibration cylinder 20. Therefore, the rotating
10 member 110 is rotationally driven, and a vibrating force acts on the vibration cylinder 20
in the axial direction through the cam pin 111. In this manner, the vibration cylinder 20
vibrates or reciprocates in the axial direction with respect to the second cylindrical member
12, and vibrates or reciprocates in the circumferential direction. In addition, the needle
portion 42 protruding from the through-hole 202 of the vibration cylinder 20 vibrates while
15 being bent. Therefore, an operator can perform a root canal treatment by bringing the
vibrating needle portion 42 into contact with a root canal of a tooth of a patient.

Figure 2