

WHAT IS CLAIMED IS:

1. A driving apparatus comprising:
 - a rotation body in which at least a lower portion is a cylindrical rotated portion;
 - a housing including a top plate portion in which the rotated portion is inserted;
 - a driving mechanism provided in the housing and configured to rotate the rotation body; and
 - an exhaust unit,wherein the top plate portion of the housing comprises a circular opening in which the rotated portion is inserted, and a groove portion provided to surround the opening and communicating with the opening,
 - the groove portion comprises, at least one point of the groove portion in a circumferential direction, a wide portion whose groove width in a radial direction of the opening is made large,
 - at least one hole is provided in the wide portion,and
 - the exhaust unit is provided to communicate with the wide portion through the at least one hole and exhausts air in the groove portion.
2. The apparatus according to claim 1, wherein the wide portion in the housing has a V shape in a planar view.
3. The apparatus according to claim 1, wherein the top plate portion includes a partition between the opening and the groove portion,
 - the partition includes a first partition portion between the wide portion and the opening, and a second partition portion between the opening and the groove portion other than the wide portion, and
 - a height of the first partition portion is larger than a height of the second

partition portion.

4. The apparatus according to claim 3, wherein in a boundary portion between the first partition portion and the second partition portion, an upper surface of the first partition portion and an upper surface of the second partition portion continue via a side surface of the first partition portion, and the side surface is a vertical surface orthogonal to the upper surface of the first partition portion.

5. The apparatus according to claim 1, wherein at least one through hole is formed in a peripheral surface of the rotation body.

6. The apparatus according to claim 1, wherein the top plate portion includes:

a first plate member in which the groove portion is formed; and

a second plate member provided to be stacked on the first plate member and configured to close the groove portion.

7. A conveying apparatus comprising:

a driving apparatus of claim 1;

an arm attached to a rotation body; and

an end effector provided on the arm and configured to hold a work.