WHAT IS CLAIMED IS:

1. A resin molding apparatus, comprising:

a first molding mold provided with a first member and a second member configured to move relative to the first member, and configured to form a cavity by the first member and the second member;

a second molding mold configured to hold a substrate; and

a mask member supported so as to be relatively immovable with respect to the first member, configured to make contact with a portion of the substrate when the first molding mold and the second molding mold are clamped, and formed with a flow portion through which a resin material existing in the cavity and pressurized by the second member is capable of flowing,

wherein the first member is formed in a frame shape so as to surround the cavity from a lateral side,

wherein a first part of an outer peripheral portion of the mask member is disposed to be placed on the first member,

wherein a first tapered portion is formed on the first part of the outer peripheral portion of the mask member, and

wherein the mask member is disposed so that the first tapered portion comes into contact with the first member.

2. The resin molding apparatus of Claim 1, wherein the flow portion is formed on a second part of the outer peripheral portion of the mask member, the second part being different from the first part of the outer peripheral portion of the mask member.

3. The resin molding apparatus of Claim 1, wherein a second tapered portion having a shape corresponding to the first tapered portion is formed on the first member, and

wherein the mask member is disposed so that the first tapered portion comes into contact with the second tapered portion.

4. The resin molding apparatus of any one of Claims 1 to 3, wherein the flow portion is formed at least at two locations facing each other with a center of the mask member interposed therebetween.

5. The resin molding apparatus of any one of Claims 1 to 4, wherein the flow portion is formed in a tapered shape to narrow a flow route of the resin material toward a flow direction of the resin material.

6. A method of manufacturing a resin molded product by using the resin molding apparatus of any one of Claims 1 to 5.

7. A method of manufacturing a resin molded product, comprising:

disposing a mask member so as to be relatively immovable with respect to a first molding mold forming a cavity in which a resin material is accommodated;

clamping the first molding mold and a second molding mold holding a substrate, and bringing the disposed mask member into contact with a portion of the substrate; and

performing a resin molding on the substrate by pressurizing the resin material in the cavity to allow the resin material to flow through a flow portion formed in the mask member,

wherein the first molding mold is provided with a first member and a second member configured to move relative to the first member,

wherein the first member is formed in a frame shape so as to surround the cavity from a lateral side,

wherein a first part of an outer peripheral portion of the mask member is disposed to be placed on the first member,

wherein a first tapered portion is formed on the first part of the outer peripheral portion of the mask member, and

wherein the mask member is disposed so that the first tapered portion comes into contact with the first member.

8. The method of Claim 7, wherein the flow portion is formed on a second part of the outer peripheral portion of the mask member, the second part being different from the first part of the outer peripheral portion of the mask member.