12. The apparatus of any one of claims 7 to 11, wherein the gas exhaust passage is dimensioned to prevent excessive melt flow therein for preventing clogging of the gas exhaust passage by solidified melt.

13. The apparatus of any one of claims 7 to 12, wherein the gas exhaust passage has a length ranging between 2 mm and 6 mm and wherein there is a gap tolerance of at least 20 mm between the air vent insert and a wall of the high aspect ratio cavity.

14. The apparatus of any one of claims 6 to 13, further comprising a retaining pin for retaining the article in the die cavity while relatively moving the punch away from the die cavity, the retaining pin being disposed in a die containing the die cavity.

15. The apparatus of claim 14, wherein the retaining pin comprises a recess for solidifying the melt therein such to form a retaining portion of the article within the recess.

16. The apparatus of any one of claims 6 to 15, further comprising a plurality of high aspect ratio cavities and a corresponding plurality of air vent inserts.

17. The apparatus of claim 16, wherein the plurality of air vent inserts are provided individually.

~~18. A liquid-forged article having high aspect ratio features obtained by forming with the method of any one of claims 1 to 5.~~

~~19.~~18. A liquid-forged article having high aspect ratio features obtained using the apparatus of any one of claims 6 to 17.