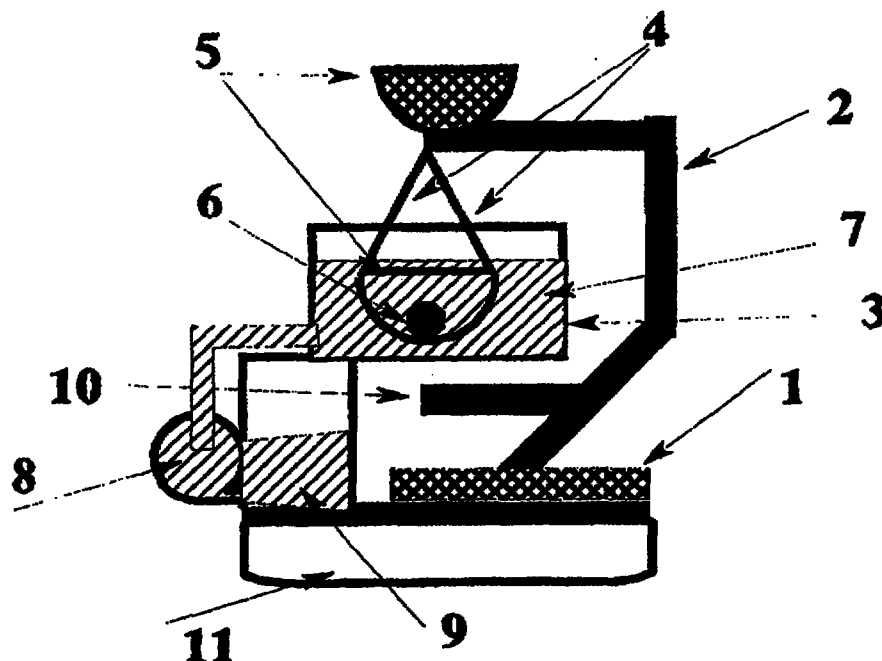


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(54) Title: MEASURING THE GOLD RATIO OF CAST GOLD**(57) Abstract**

The present invention relates to a non-destruction method for measuring the ratio of gold in carats or the ratio of other components in a cast material. The invention also relates to a method for measuring a specific weight of a cast body (6) including a repeated flooding of the body (6) in tank (3), with baskets (5) and liquid (7).