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[54] A METHOD OF FORMING A METAL STATUETTE OF A THREE-DIMENSIONAL OBJECT 一個完成一個立體物件的金屬鑄像的方法

[57] A method of forming a gold statuette of a three-dimensional object, e.g. a man, is disclosed as including the steps of (1) scanning the contour and shape of the man with a scanner; (2) converting information obtained from step (1) into data of a machine-readable form; (3) inputting the machine-readable data into a computer; (4) based on the machine-readable data inputted into the computer, displaying a virtual three-dimensional image of the man on a monitor of the computer; (5) providing an epoxy resin mould of the object by a sculpturing machine controlled by the computer; (6) providing a silicon rubber mould on the basis of the epoxy resin mould; (7) providing a wax mould on the basis of the silicon rubber mould; (8) casting gold onto the wax mould; (9) removing the wax, in which the scanning means revolves around said object to scan the contour and shape of the man.

在此公開了一個形成一個立體物件〔例如一個人〕的金屬鑄像的方法，此方法的步驟包括〔一〕把那人的輪廓和形狀以一掃描器掃描；〔二〕把從步驟〔一〕取得之資料轉化成機器可讀形式的數據；〔三〕把該機器可讀的數據輸入一電腦；〔四〕基於輸入該電腦的機器可讀的數據，在該電腦的顯示屏上顯示那人的一個虛擬立體影像；〔五〕由該電腦操控的一部電腦輔助雕塑機提供一個環氧樹脂模；〔六〕基於該環氧樹脂模提供一個矽膠模；〔七〕基於該矽膠模提供一個臘製模；〔八〕在該臘製模上鑄上金；及〔九〕除去臘，其中掃描器環繞那人轉動以掃描其輪廓和形狀。