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(54) **VERIFICATION METHOD FOR DETERMINING AREAS WITHIN AN IMAGE CORRESPONDING TO MONETARY BANKNOTES**

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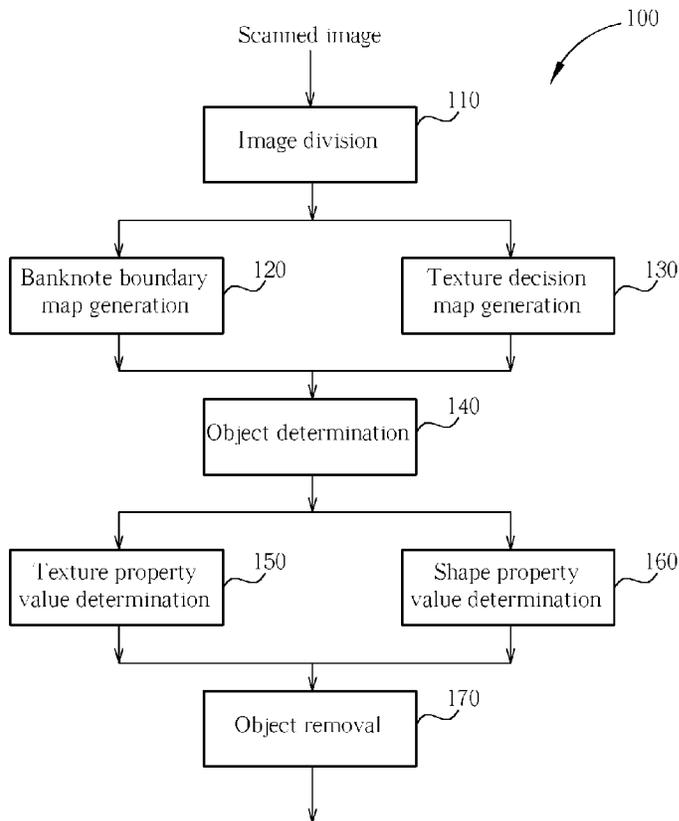
(57) **ABSTRACT**

A method for verifying areas within an image corresponding to monetary banknotes includes: dividing the image into a plurality of verification sections; generating a banknote boundary map having border sections corresponding to boundaries of valid monetary banknotes; generating a texture decision map from the image having texture sections each having texture values within a valid range according to a valid monetary banknote, determining objects in the texture decision map by removing texture sections in the texture decision map corresponding to border sections in the banknote boundary map; calculating a texture property value for objects according to texture feature values for each verification section; calculating shape property values for each object; and further removing texture sections from the texture decision map corresponding to objects that do not have the texture property value within a first predetermined range and the shape property value within a second predetermined range.

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Verified areas in the scanned image corresponding to monetary banknotes