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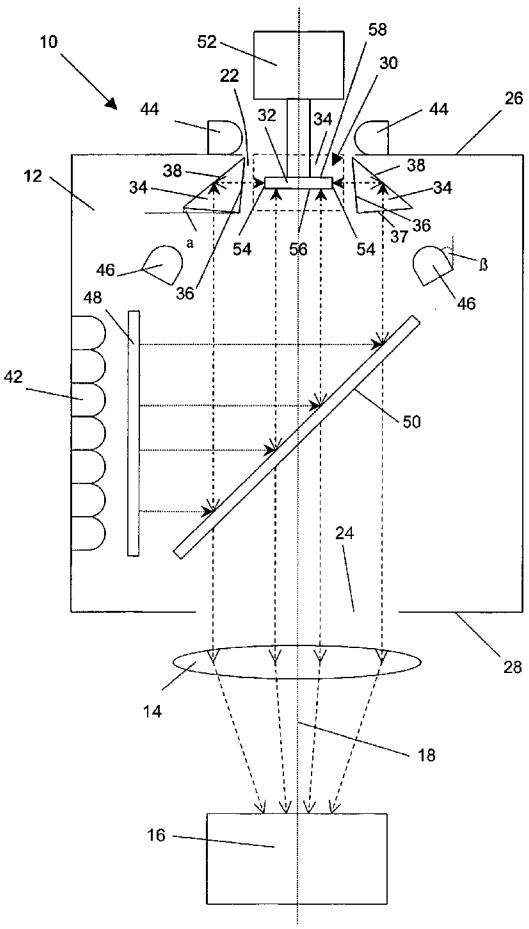
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(54) Title: MULTIPLE SURFACE VIEWER



(57) Abstract: A multiple surface viewer (10) provides views of several surfaces of an object. Light is reflected onto a beam splitter (50) which reflects it towards a plurality of reflectors (34) and onto a front surface (56) of an object (32) under inspection. The reflectors (34) reflect the light onto side surfaces (54) of the object (32). The image of the front surface (56) is reflected back to the beam splitter (50), as are images of the side surfaces (54), via the reflectors (34). The various images pass through the beam splitter (50) to a focusing lens (14), which focuses the composite image onto an image capture device (16). The multiple surface viewer (10) captures images of multiple views of an object (32), without needing to rotate or flip the object (32).

WO 2005/103656 A1

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