

ABSTRACT

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A pad-surface determination method that can appropriately determine a surface property of a polishing pad including a condition of protrusions formed on a polishing surface of the polishing pad is disclosed. The pad-surface determination method includes: irradiating a target area in the polishing surface with a plurality of lights from a plurality of
10 light emitters at different incident angles; receiving a plurality of reflected lights from the target area by an imaging device; generating a plurality of images corresponding to the different incident angles by the imaging device; and determining the surface property of the polishing pad based on at least one of the plurality of images. A protrusion is formed on the polishing surface in the target area.

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FIG. 2