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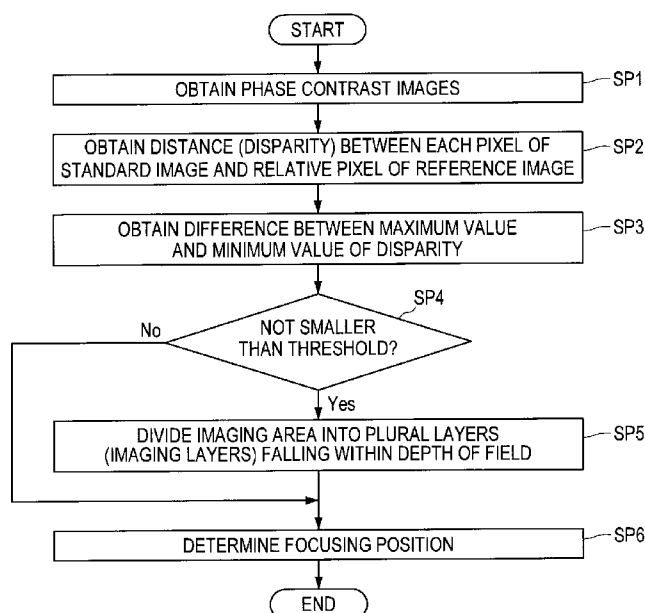
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FIG.7



FOCUSING POSITION DETERMINATION PROCEDURE

(57) Abstract: A focusing device forms phase contrast images on an imaging surface of an imaging device 45 from openings 43A and 43B having sizes with which the depths of field of separate lenses 44A and 44B are larger than that of an object lens 15 by the separator lenses 44A and 44B provided behind the openings 43A and 43B, respectively. Then, the focusing device 40 obtains the distance between a standard image, which is one of the phase contrast images, and a reference image, which is the other of them, in a pixel unit and determines the position on which the focus should be adjusted and the number thereof based on the distance of each pixel.



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