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(54) Title: APPARATUS FOR RESOLVING IMAGING PROBLEMS CAUSED BY THE MENISCUS

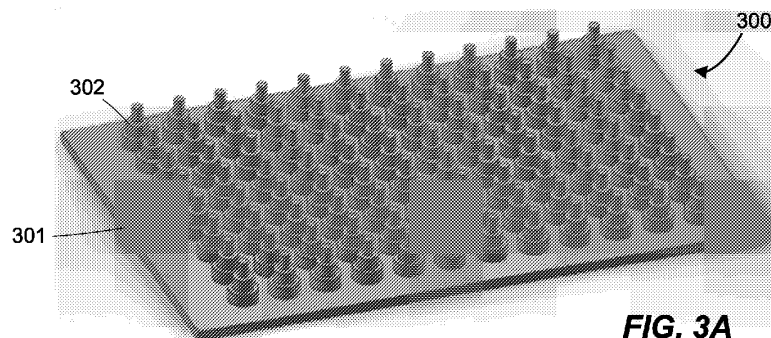


FIG. 3A

(57) Abstract: A well plate cover includes a base defining a base plane, and a plurality of insertion elements. At least a portion of each of the insertion elements is transparent. Each of the insertion elements is coupled to the base, and extends, in a direction orthogonal to the base plane, from the base to a distal end surface of the insertion element. The distal end surface of each of the insertion elements includes an apex that, when the respective insertion element is inserted into a well of a well plate, extends further into the well than any other portion of the distal end surface. The apex is a point, a line, or a plane having a diameter that is less than one half of a maximum diameter of the distal end surface.



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