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(54) Title: ULTRASOUND IMAGING DEBRIS FILTER SYSTEM AND METHODS

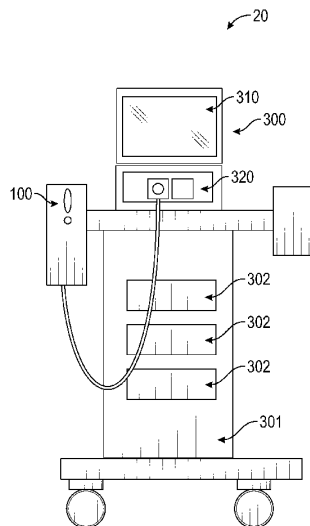


FIG. 1

(57) Abstract: Systems and methods for filtering debris from an ultrasonic image of an ultrasonic imaging system. Methods may include receiving an ultrasonic image of a plurality of ultrasonic images, determining a zone of the ultrasonic image, applying a mask to the zone of the ultrasonic image, wherein the mask is applied to the zone for a first number of iterations, determining a level of noise in the ultrasonic image, determining, based on the level of noise, that additional noise suppression is needed, applying the mask to the zone of the ultrasonic image, wherein the mask is applied to the zone for a second number of iterations, and displaying the ultrasonic image on a display.

Declarations under Rule 4.17:

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