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(54) Title: AUTO CLEANING TOILET SEAT ASSEMBLY

(57) Abstract: An auto cleaning toilet seat assembly with a cover coupled to a toilet seat and defining a fluid transport conduit surrounding the toilet seat. The cover also includes an air deflector formed as part of the upper wall and at the front end of the cover, wherein the air deflector includes two opposing surfaces converging together away from the inner surface of the outer sidewall. The assembly is operably to emit a liquid on a rear portion of a toilet seat and induce a gas to transport that liquid from the rear of the toilet seat to the front of the toilet, whereby the air deflector directs the liquid and air through the fluid transport conduit and into a toilet bowl utilizing the two opposing surfaces of the air deflector.

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