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(54) Title: DISINFECTANT WET WIPE

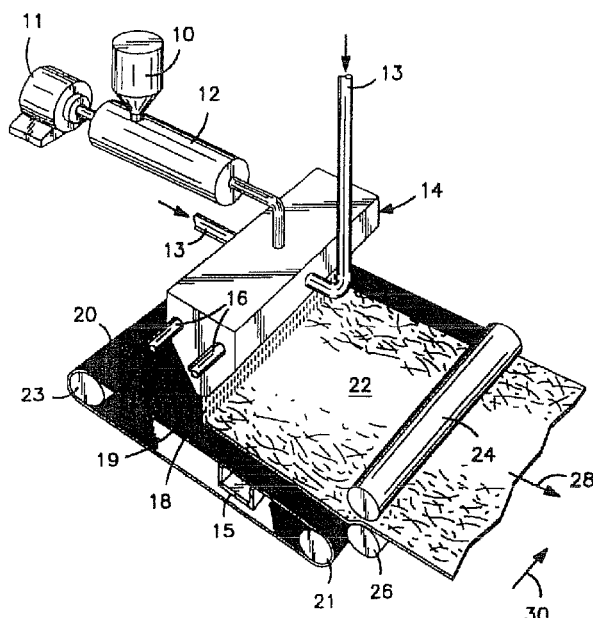


FIG. 1

(57) Abstract: A disinfectant wet wipe that contains a germicidal solution and a nonwoven web material is provided. The germicidal solution includes a peracid and peroxide, which can act synergistically together to be efficacious against pathogens when exposed thereto. To stabilize the solution over a period of time (e.g., during storage), a variety of aspects of the wipe are selectively controlled in accordance with the present invention. For example, the nonwoven web material used in the wipe is formed from a synthetic polymer and is relatively hydrophobic in nature. Without intending to be limited by theory, it is believed that such materials possess a lower reduction potential for peroxides/peracids than cellulosic-based materials. In this manner, significant degradation of the peroxide or peracid contained in the germicidal solution is limited. To improve the wettability of the nonwoven web material, one or more surfactants are also employed in the germicidal solution. Besides improving wettability, the present inventors have surprisingly discovered that certain surfactants may also improve the stability of the solution.



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