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Applicant: **GEORGE KOCH SONS, Inc.**
Ten South Eleventh Avenue
Evansville, Indiana 47744(US)

Inventor: **Neeley, Thomas S.**
209 Washington Avenue

Evansville, Indiana 47713(US)
Inventor: **Muehlbauer, James H.**
2300 E. Gum Street
Evansville, Indiana 47714(US)
Inventor: **Kraft, Kenneth N.**
3118 Allen Road
Evansville, Indiana 47720(US)

Representative: **Chettle, Adrian John**
Withers & Rogers 4, Dyer's Buildings
Holborn
London EC1N 2JT(GB)

Paint spray booth.

A paint spray booth (10) is provided which comprises a floor (34) covered with flowing liquid, the floor (34) including an elongated passageway (46) formed therein defined by a pair of passageway walls (60) and having an entrance opening (44) and an exit opening (62). The paint spray booth (10) further comprises a mechanism for exhausting air from the booth (10) and pulling a stream of paint particle laden air downwardly through the openings (44,62). The booth further comprises a first longitudinally extending concave plate (72) positioned to receive the mixed stream of water and air exiting from the exit opening, and a second longitudinally extending concave plate (74) laterally spaced from the first concave plate (72). The first and second concave plates (72,74) cooperate to define a flow chamber (76) therebetween and a discharge opening (51). The first and second plates (72,74) are designed to minimize paint buildup in the flow chamber (76) and to trap the noise generated at the discharge opening (51) to reduce the amount of noise returning through the passageway (46).

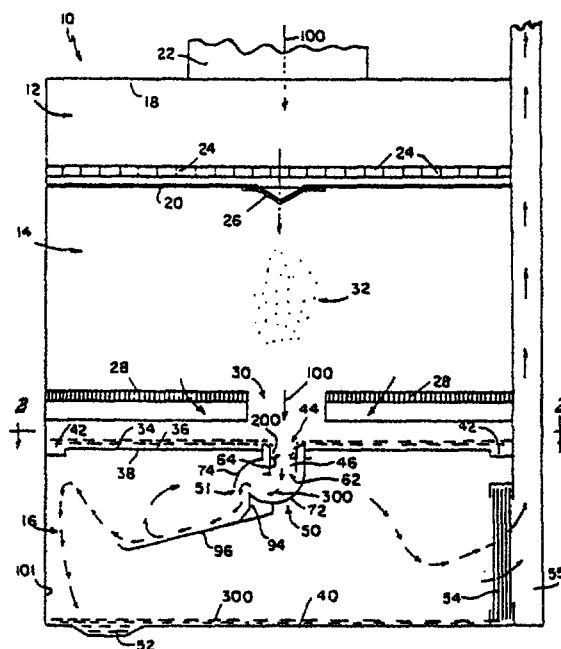


FIG. 1

EP 0 527 002 A1

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