

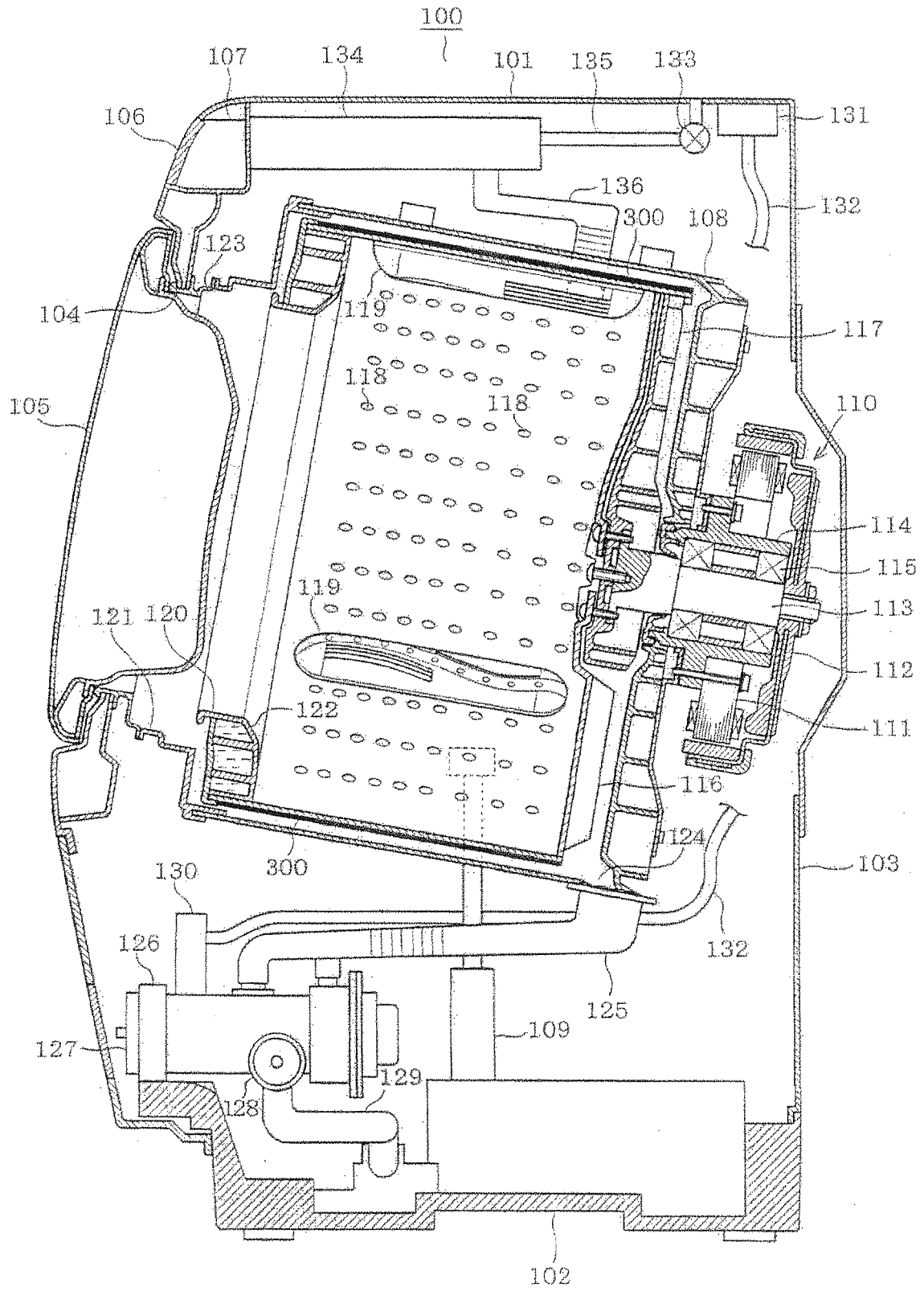


FIG. 1

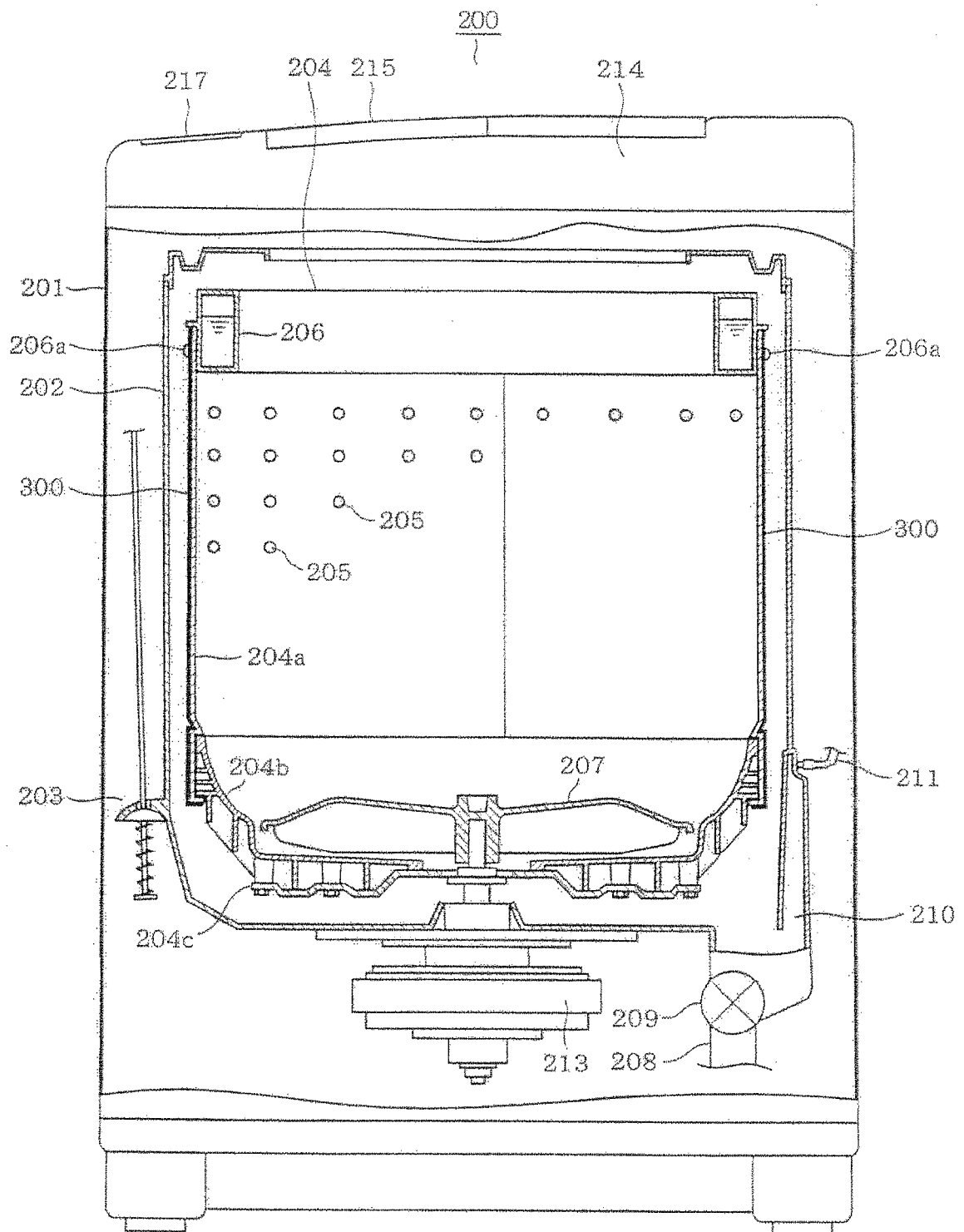


FIG. 2

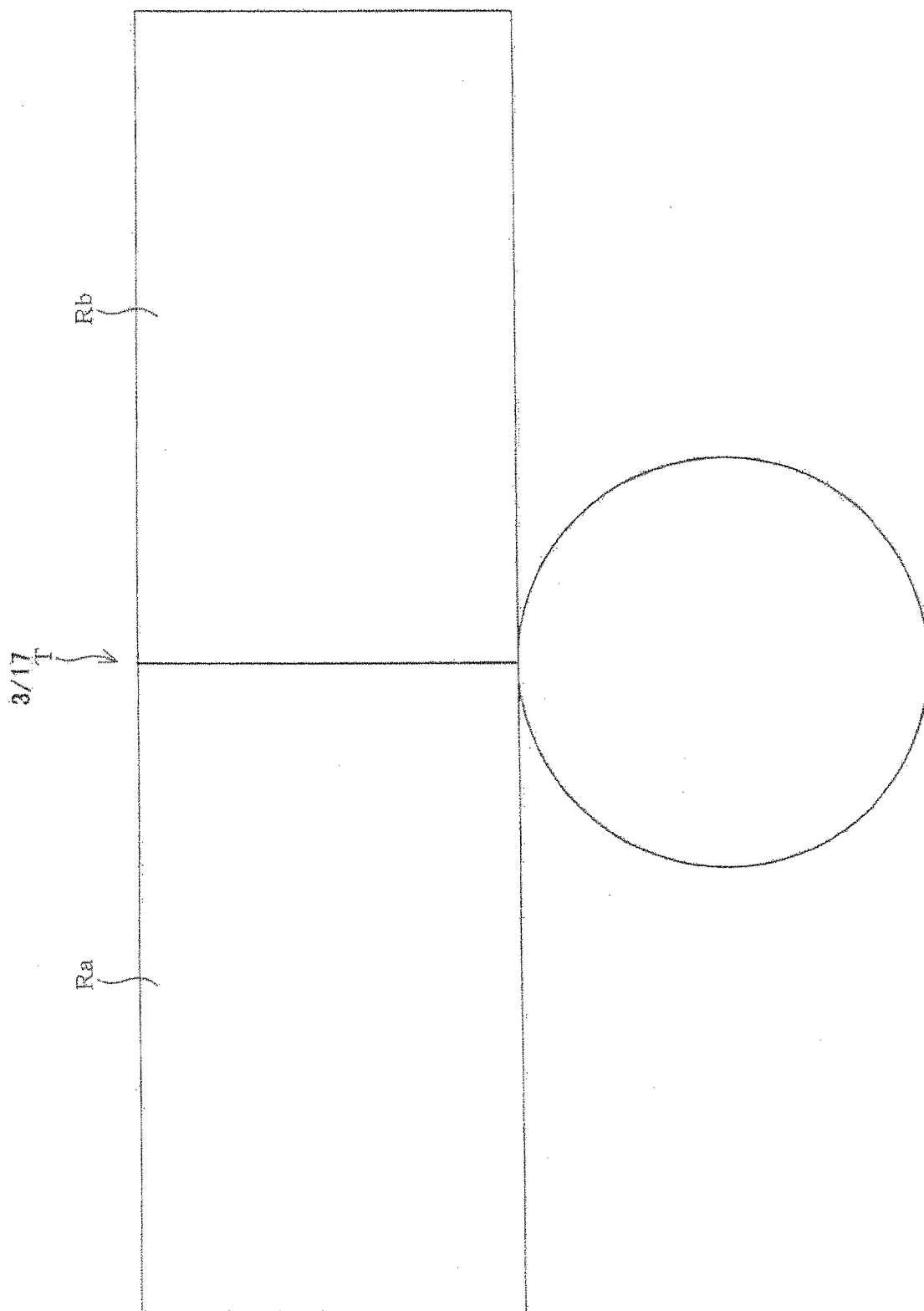


FIG. 3

	DETERGENT USED	OPERATIONAL STATUS	WATER	CONTAMINANT AMOUNT (mg/25cm ²)	
				COATED PORTION	UNCOATED PORTION
HOME A	• LIQUID DETERGENT a • SOFTENER a	• WASH CYCLE: 75 CYCLES • DRY CYCLE: 30 CYCLES	BATH WATER	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.5
HOME B	• POWDER DETERGENT b • LIQUID DETERGENT b • SOFTENER b	• WASH CYCLE: 76 CYCLES • DRY: SEVERAL TIMES	TAP WATER	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.2

FIG. 4

5/17

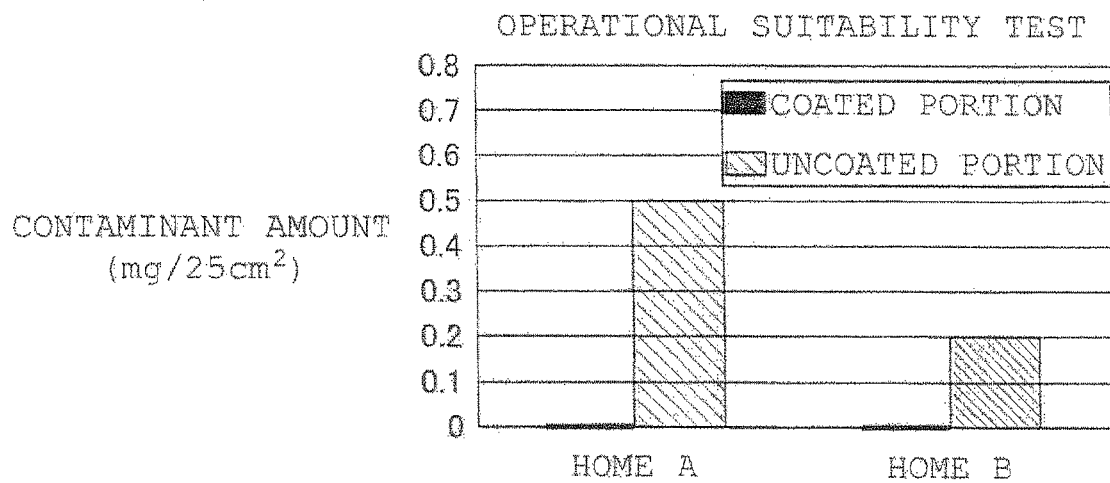


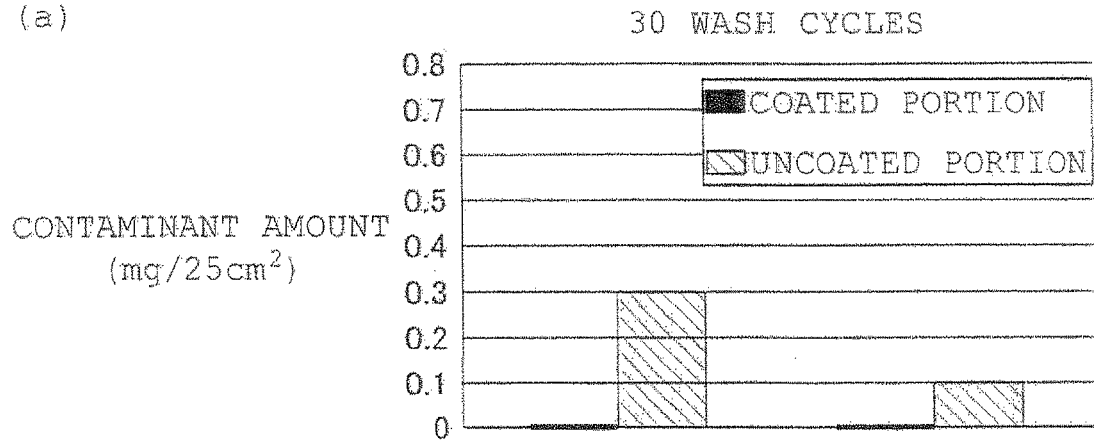
FIG. 5

WASH COUNT	COATED PORTION		UNCOATED PORTION	
	BEFORE TUB CLEANING	AFTER TUB CLEANING	BEFORE TUB CLEANING	AFTER TUB CLEANING
30 CYCLES	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.3	0.1
90 CYCLES	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.01 (EQUAL TO OR LESS THAN DETECTABLE LIMIT)	0.7	0.3

CONTAMINANT AMOUNT (mg/25cm²)

FIG. 6

(a)



(b)

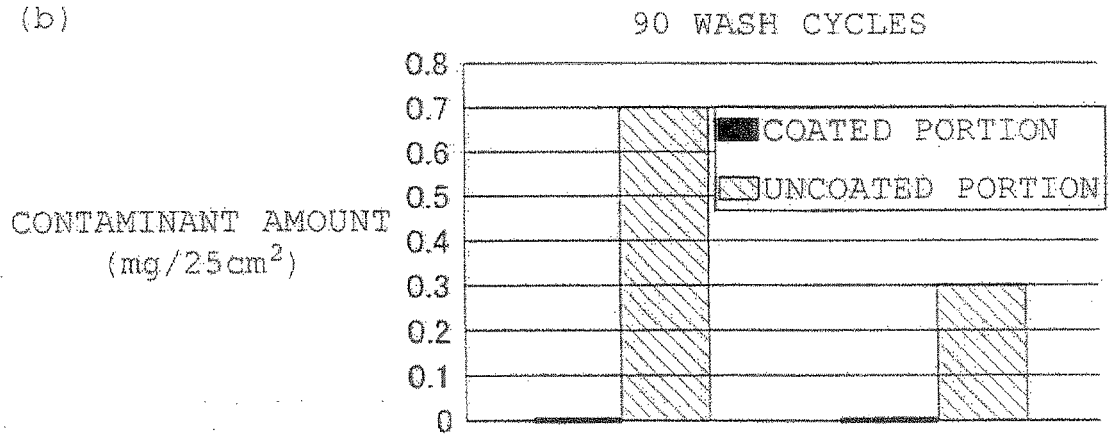
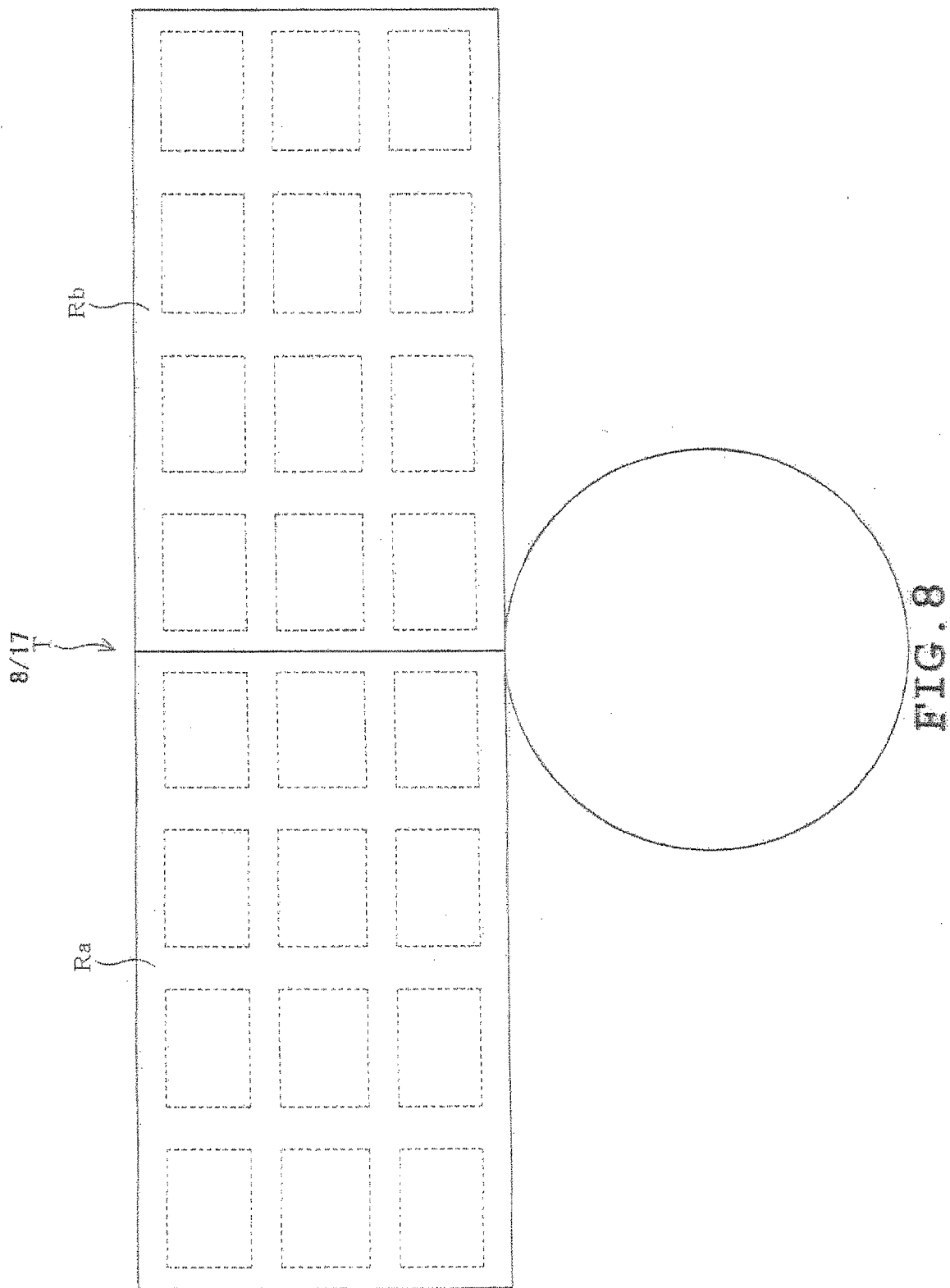


FIG. 7



9/17

(UNIT: CFU/25cm²)

TESTED PORTION	BEFORE WASH OPERATION	AFTER WASH OPERATION		
		0 DAYS	3 DAYS	7 DAYS
[HYDROPHILIC COATING: ABSENT]	n1	1.8×10 ⁴	4.6×10 ³	4.9×10 ³
	n2	1.7×10 ⁴	2.2×10 ³	8.1×10 ³
	n3	1.1×10 ⁴	7.0×10 ²	7.0×10 ¹
[HYDROPHILIC COATING: PRESENT]	n1	1.0×10 ²	<10	<10
	n2	2.5×10 ²	<10	<10
	n3	5.0×10 ¹	<10	<10

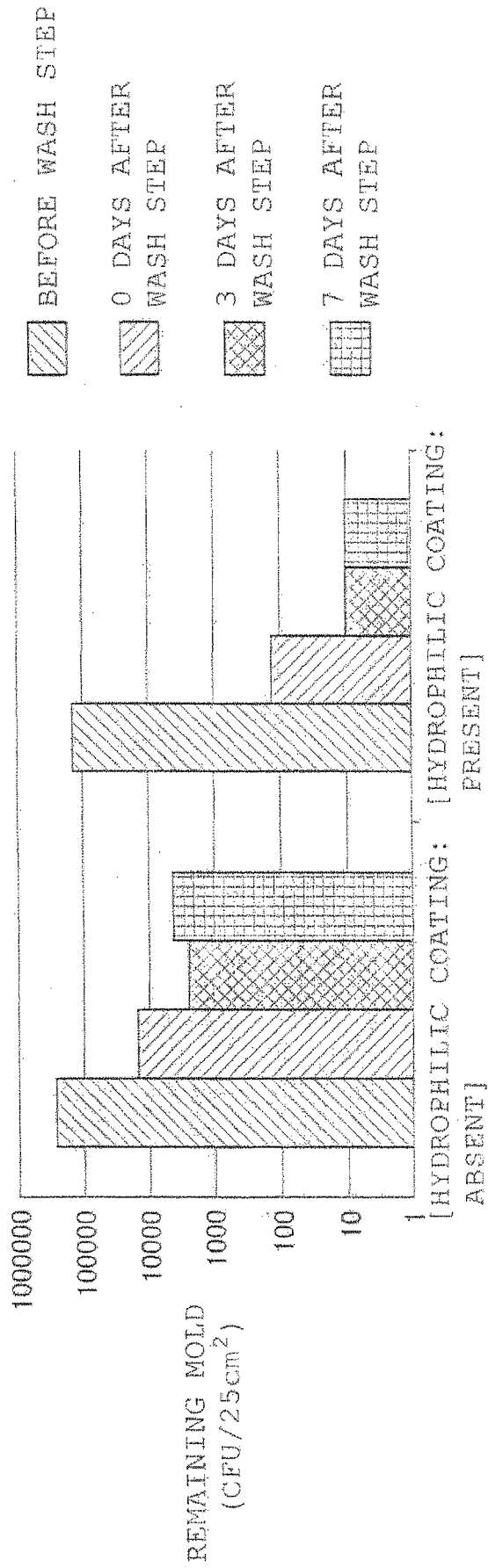


FIG. 9



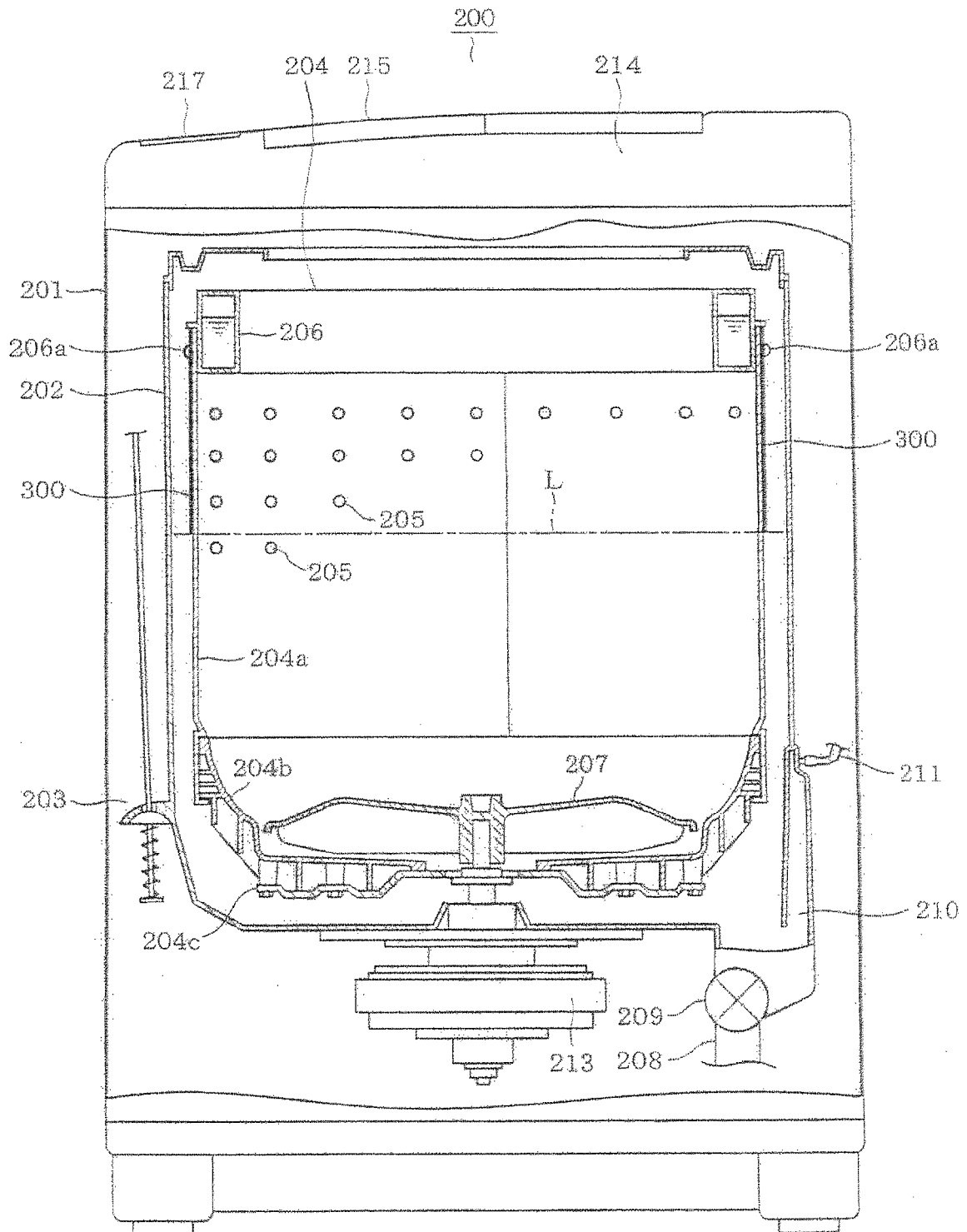


FIG. 11



FIG. 12

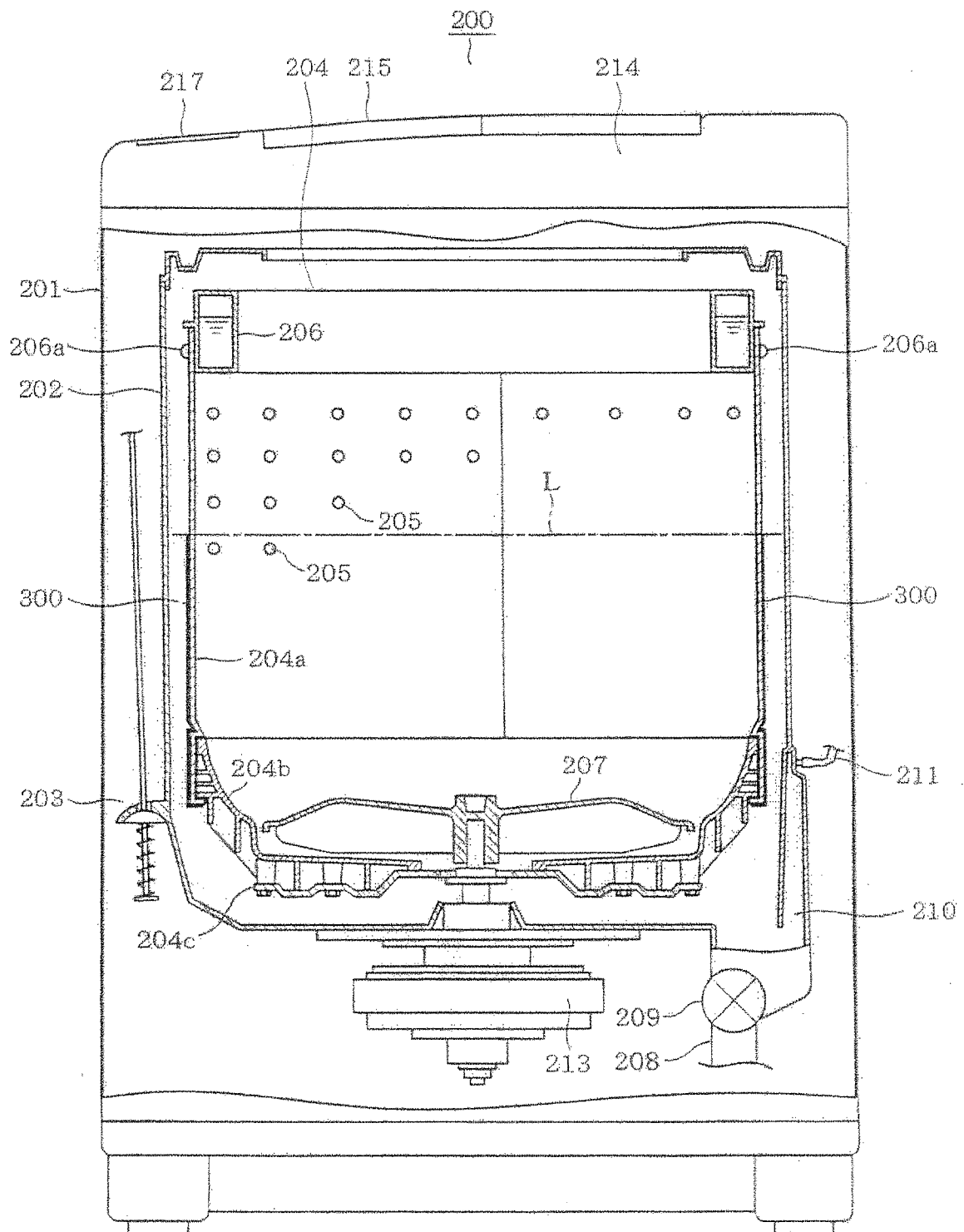


FIG. 13

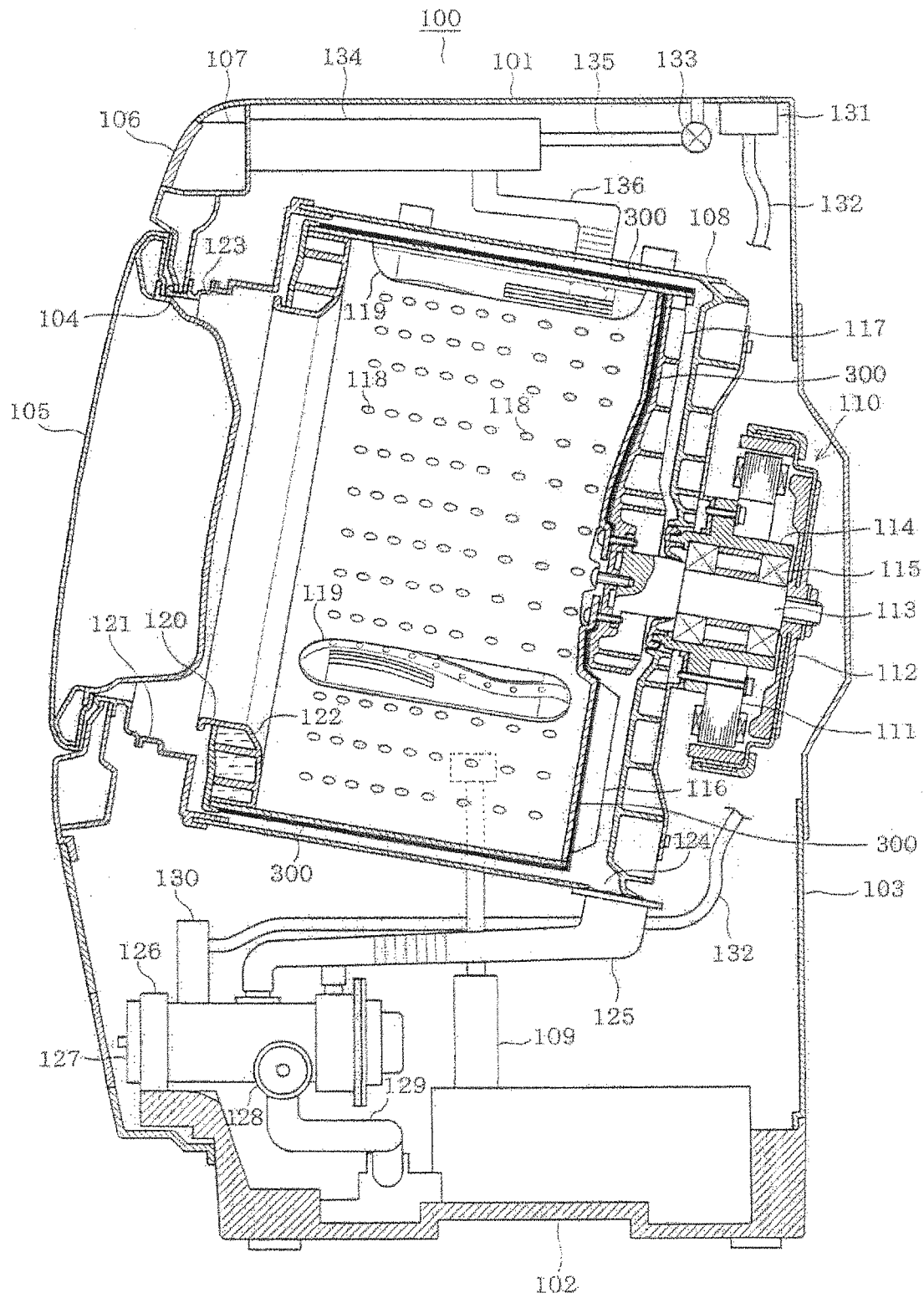


FIG. 14

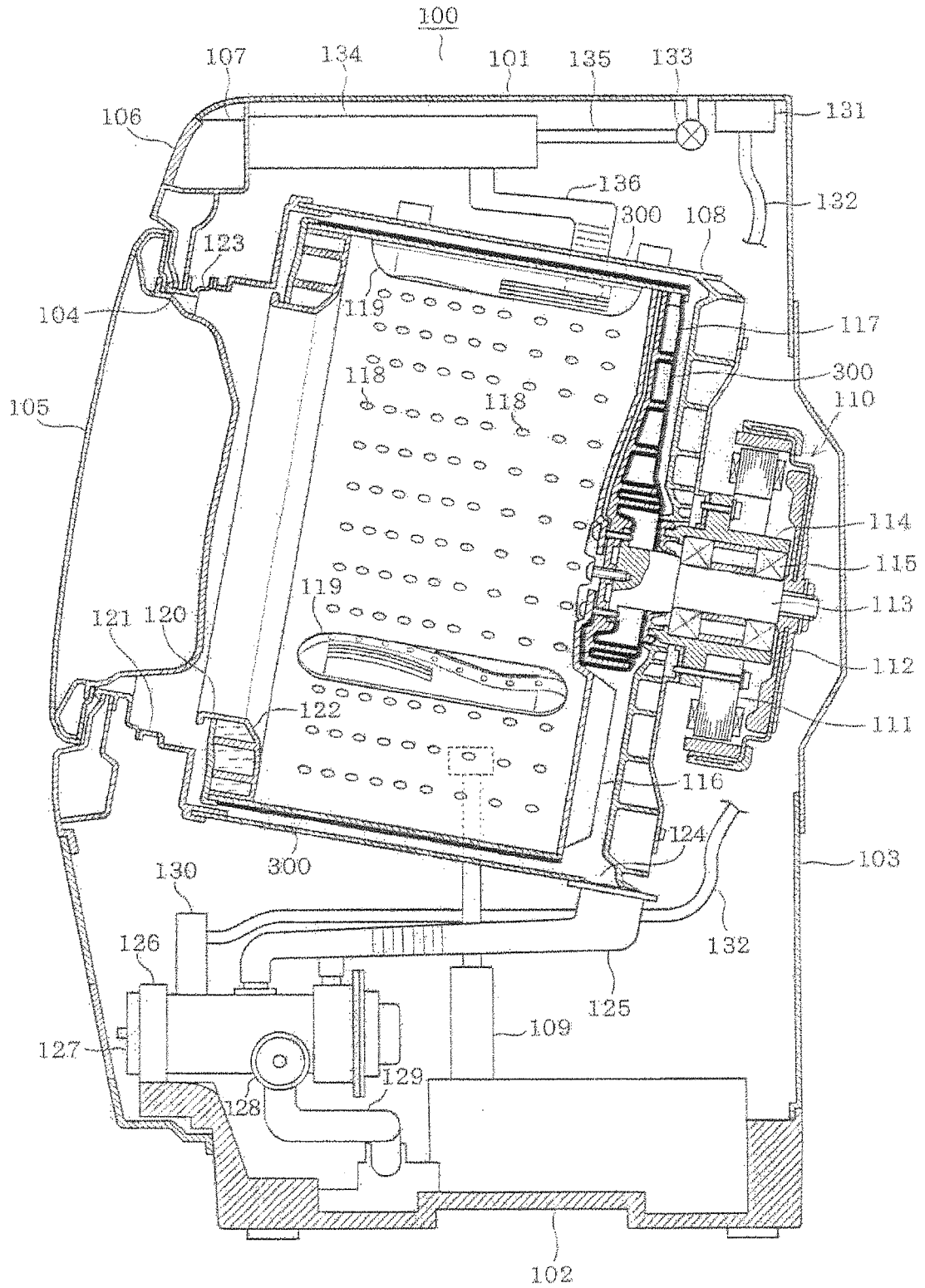


FIG. 15

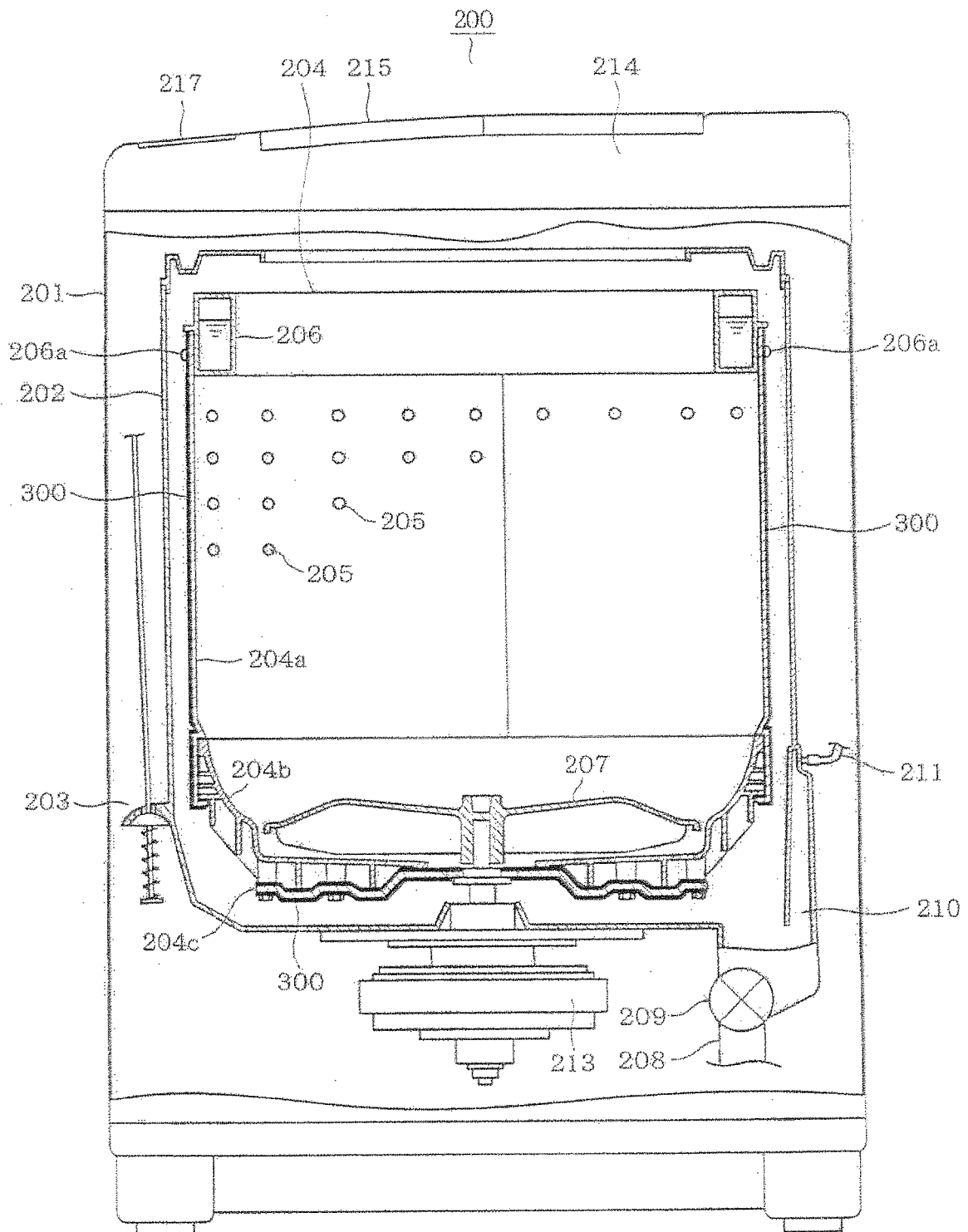


FIG. 16

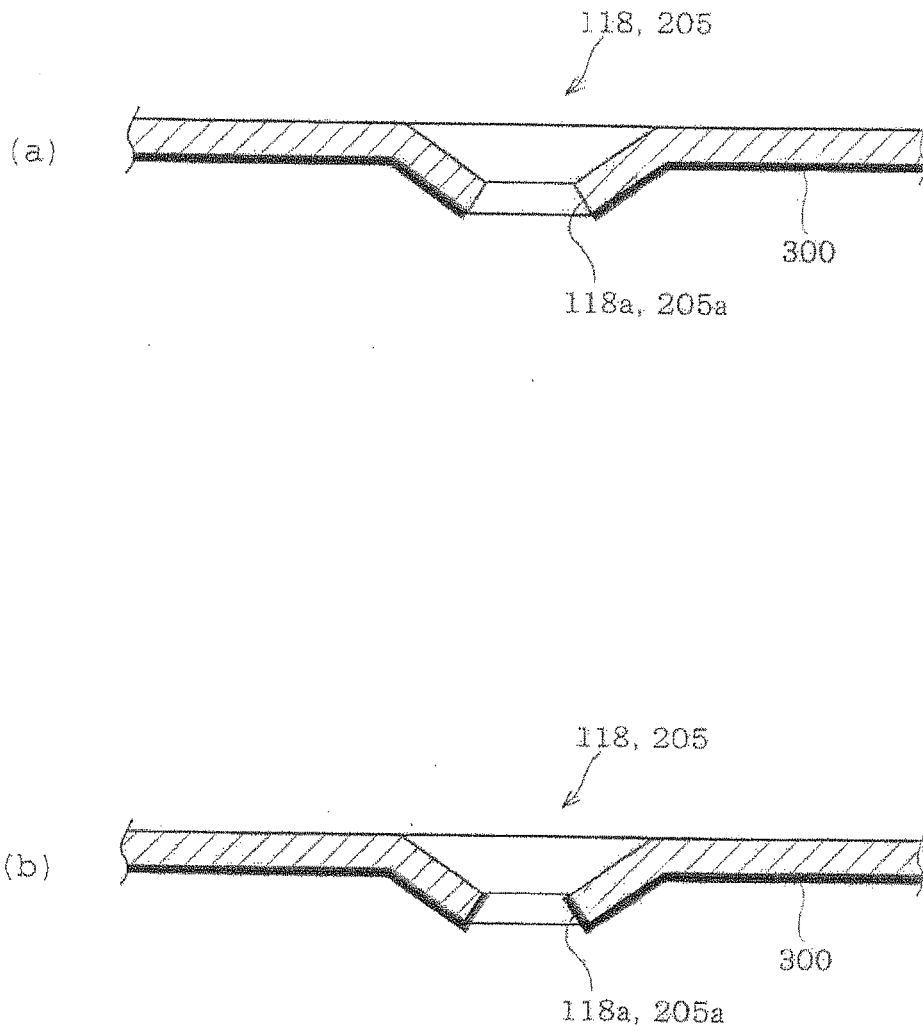


FIG. 17