

FIG. 1

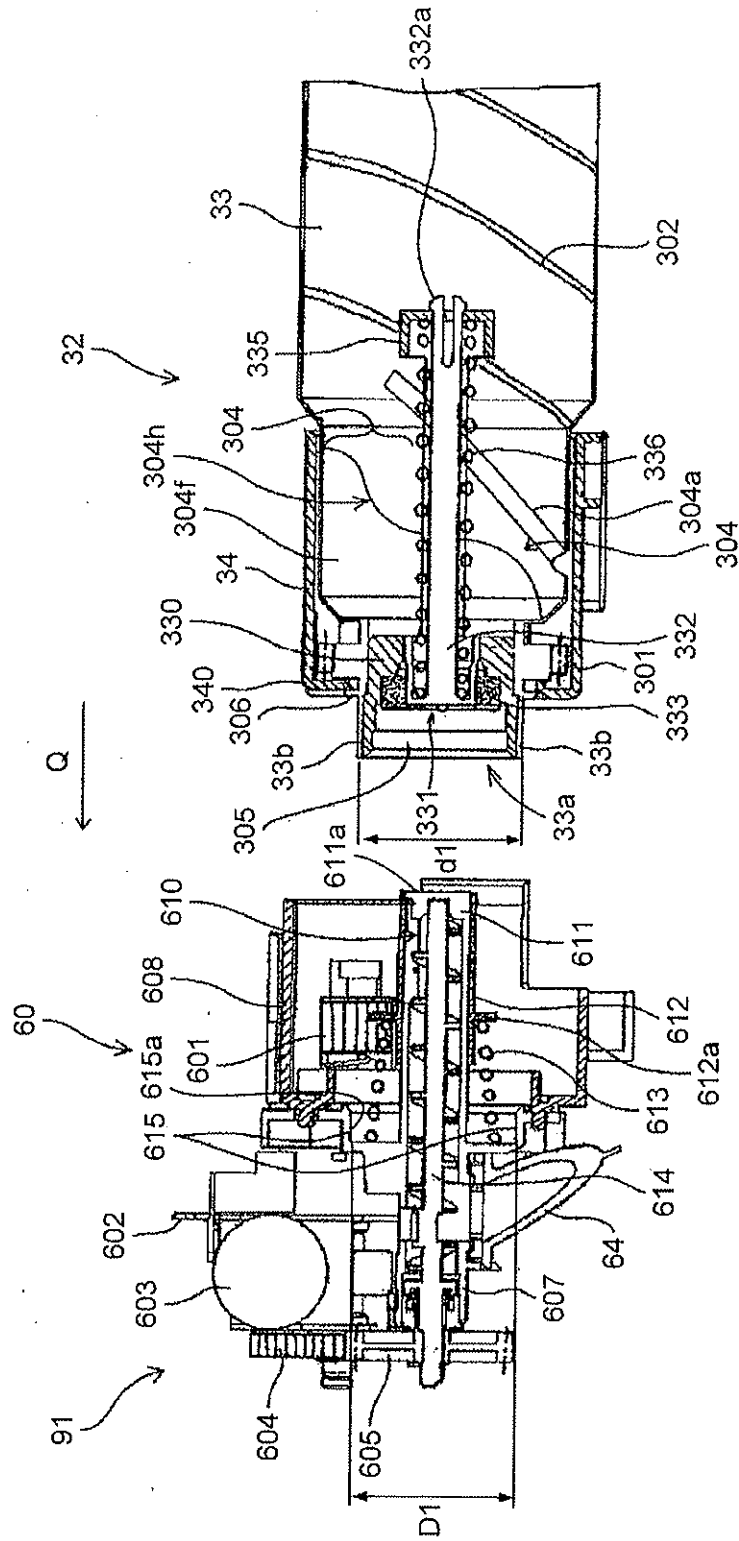


FIG.3

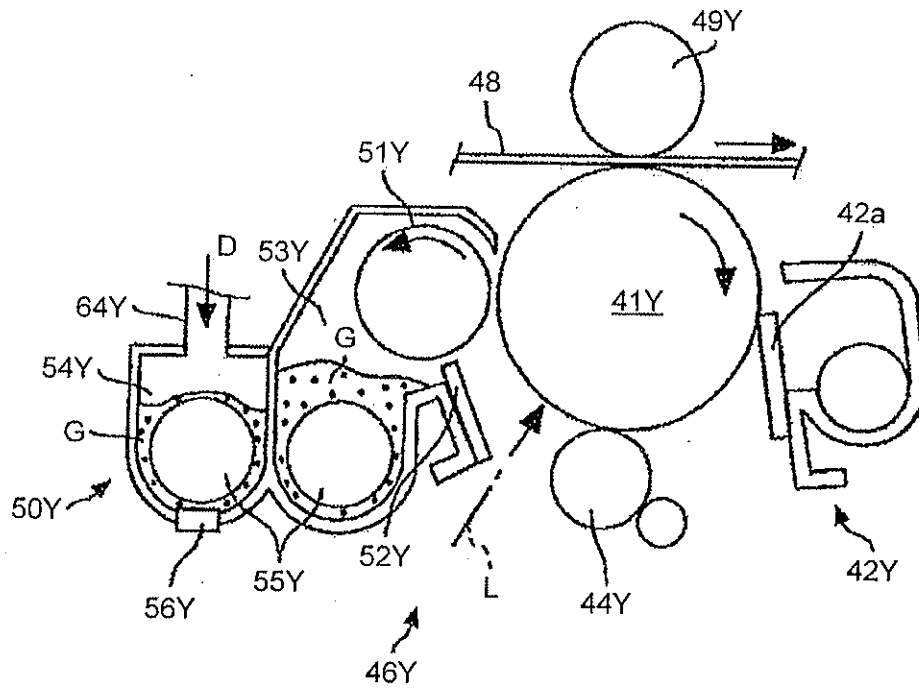


FIG.4

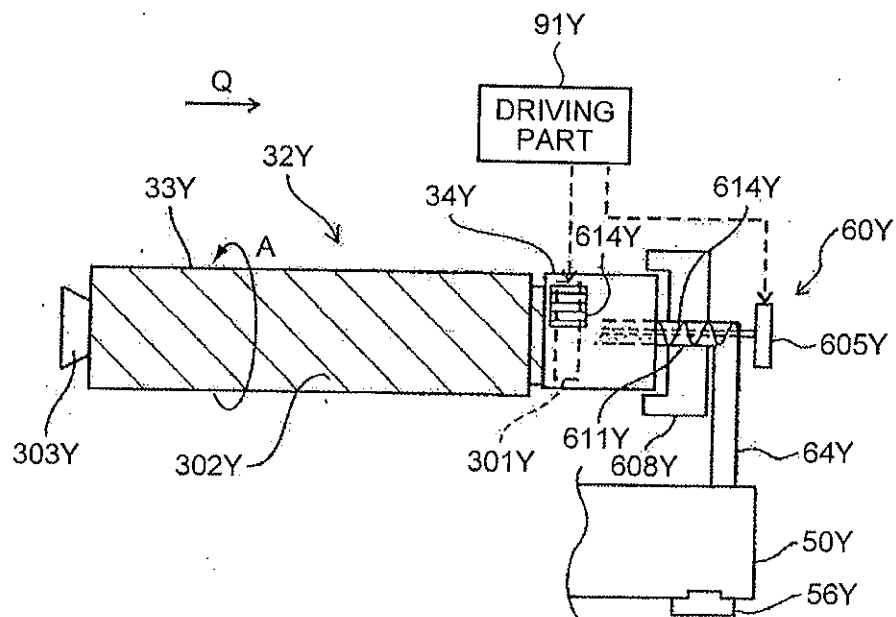


FIG.5

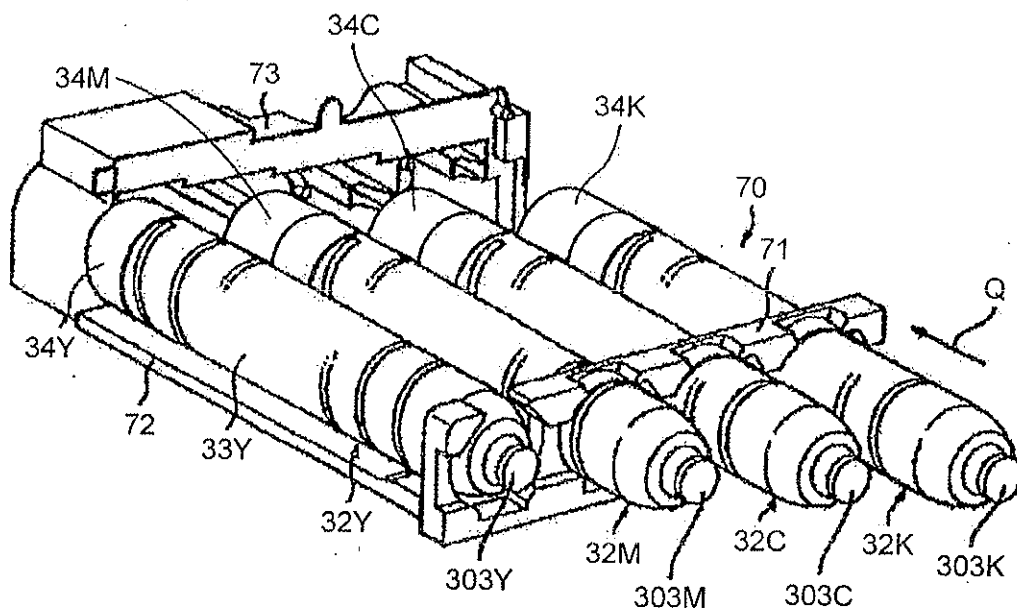


FIG.6

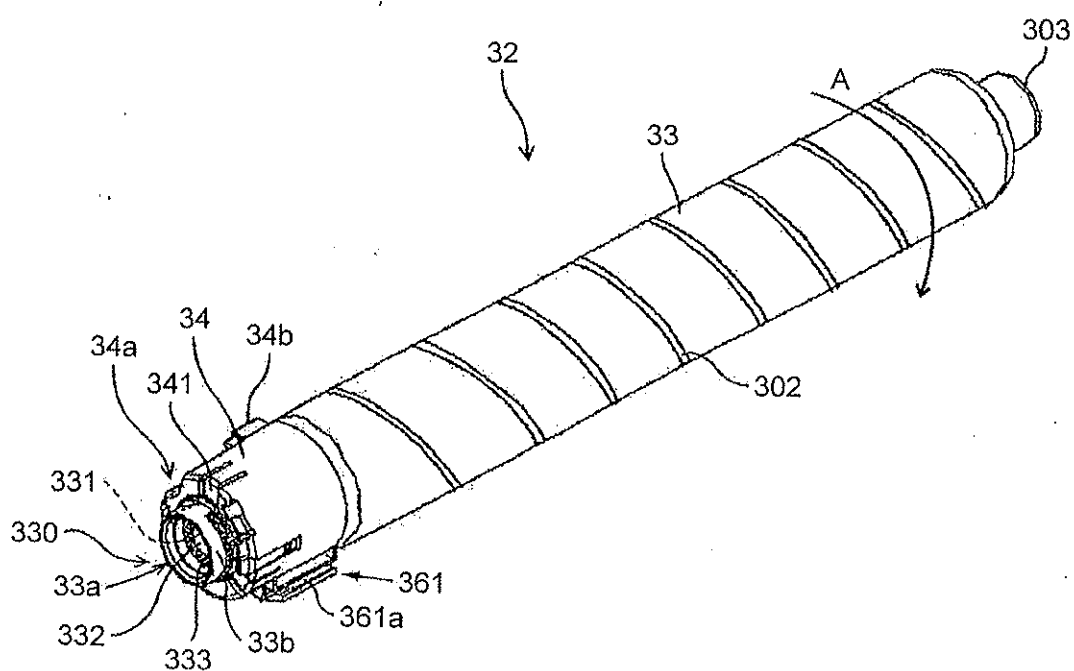
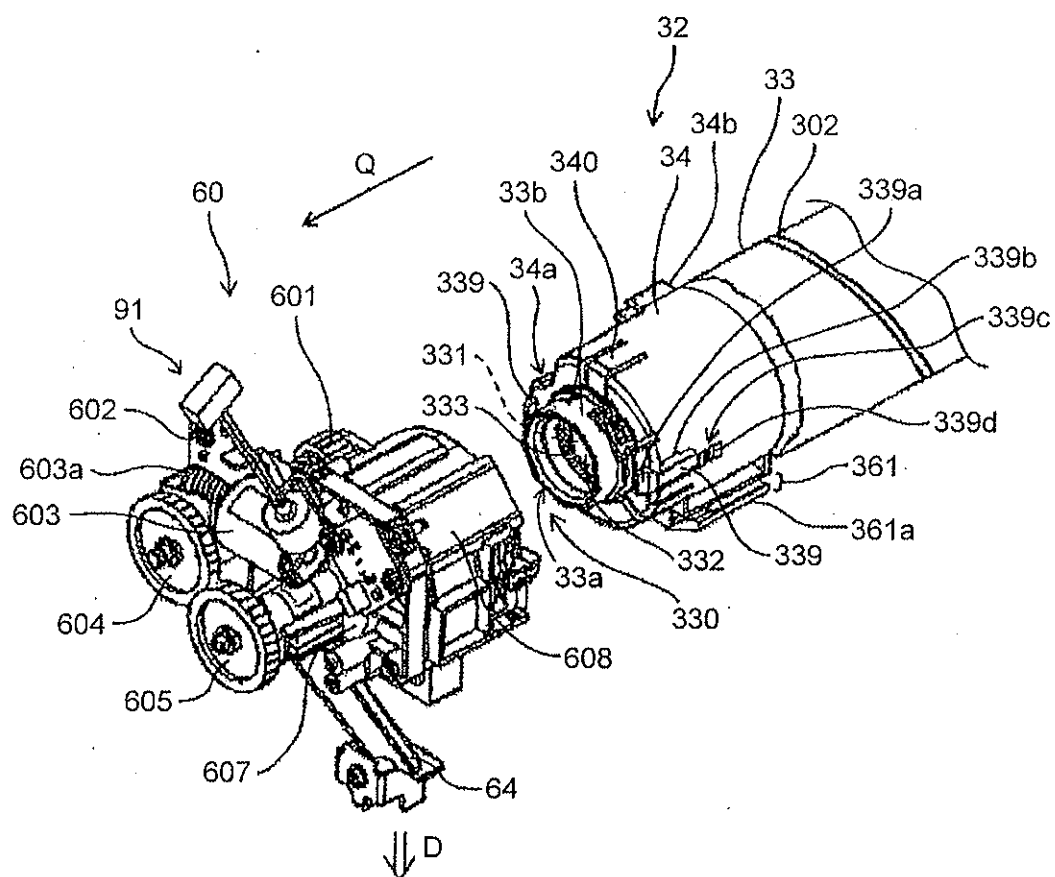
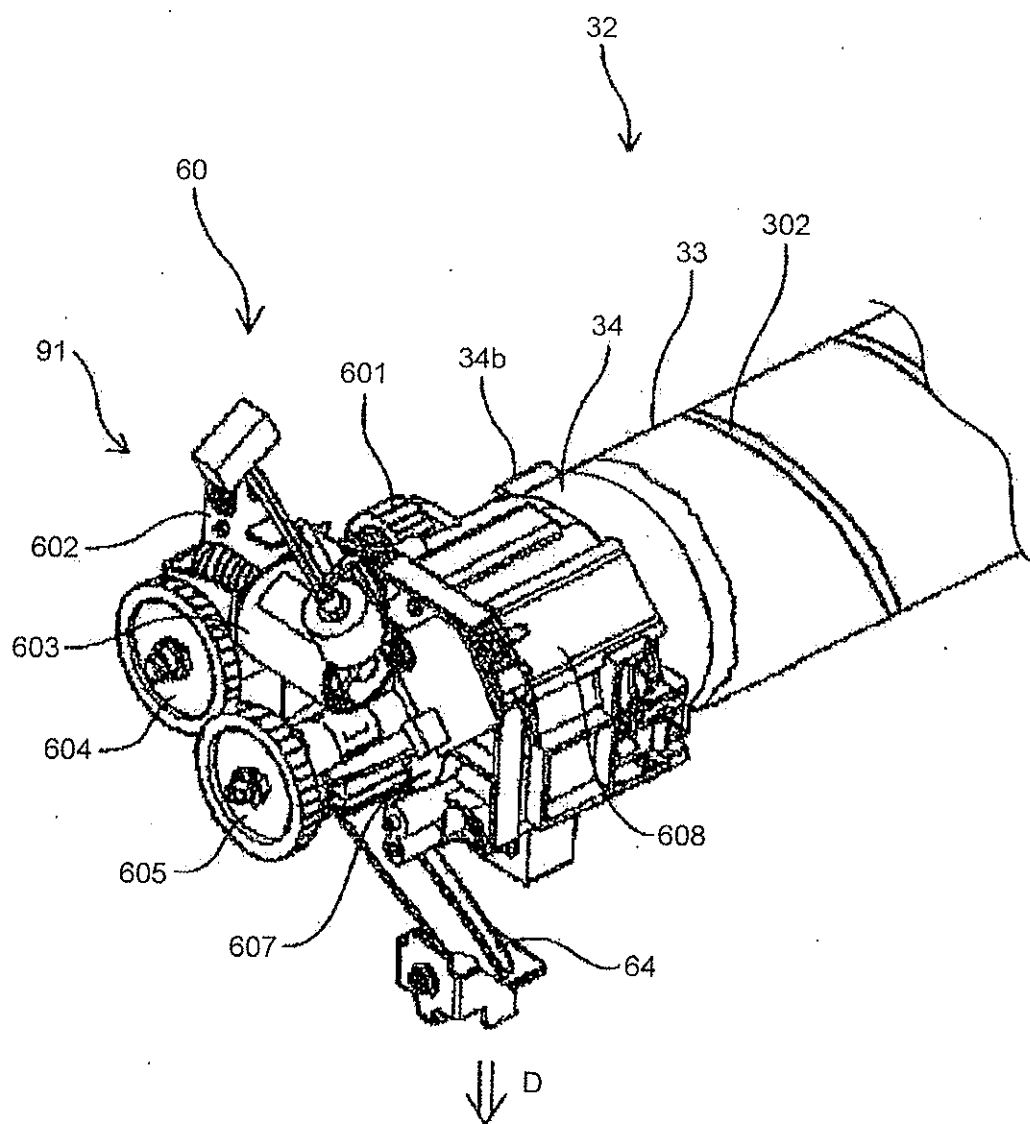


FIG.7



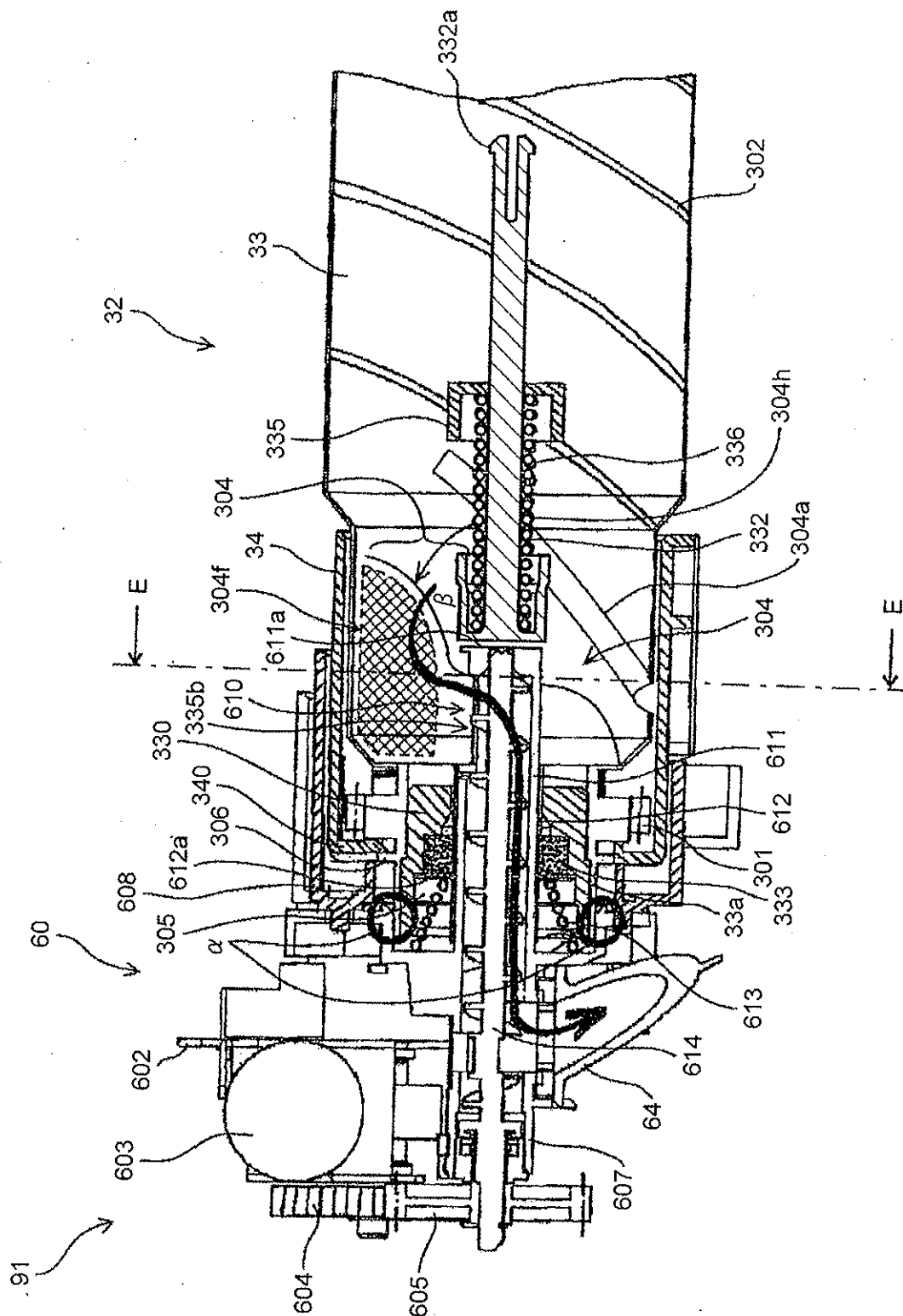
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FIG.8



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FIG.9



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FIG.10

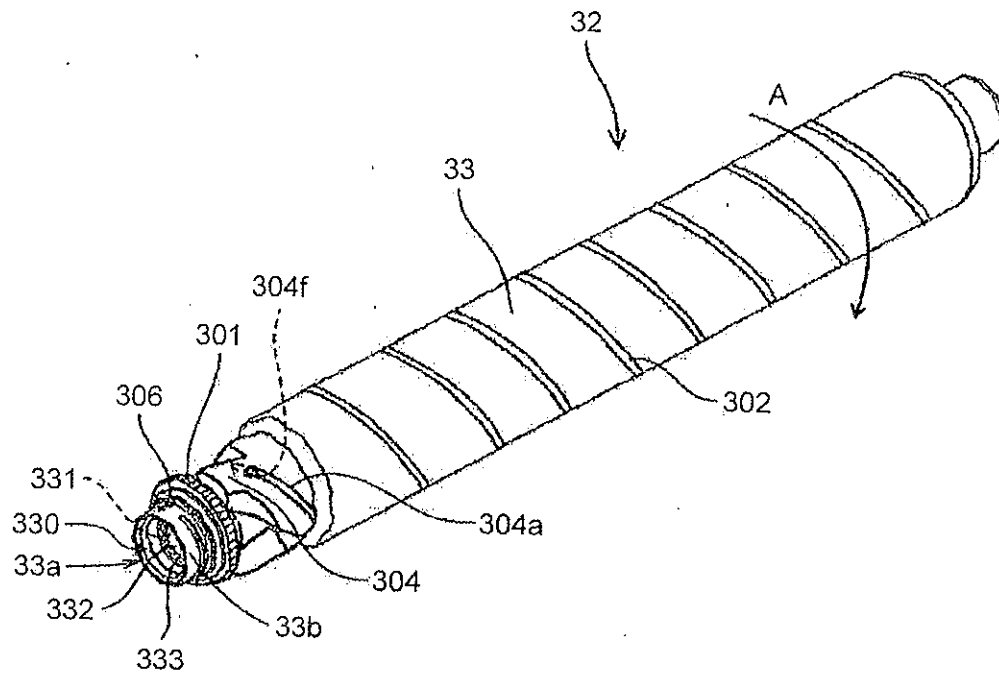


FIG.11

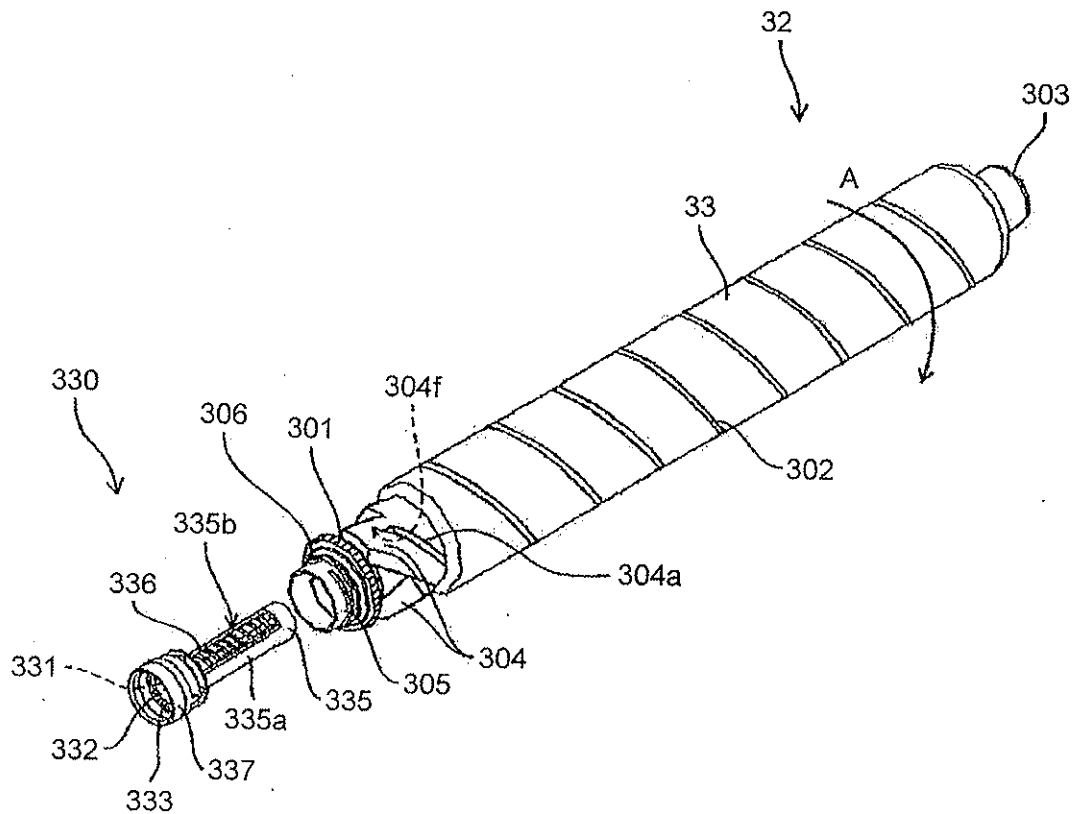


FIG.12

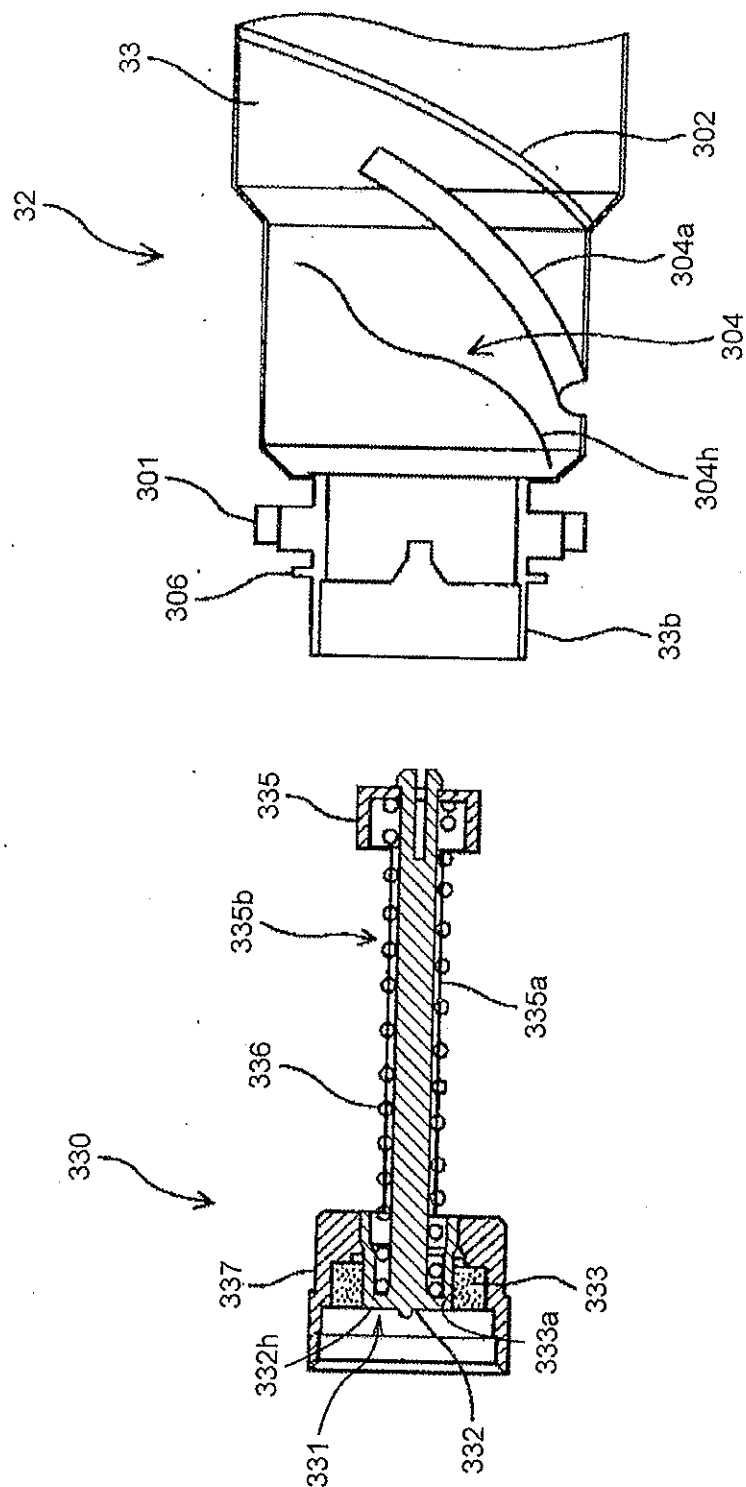


FIG.13

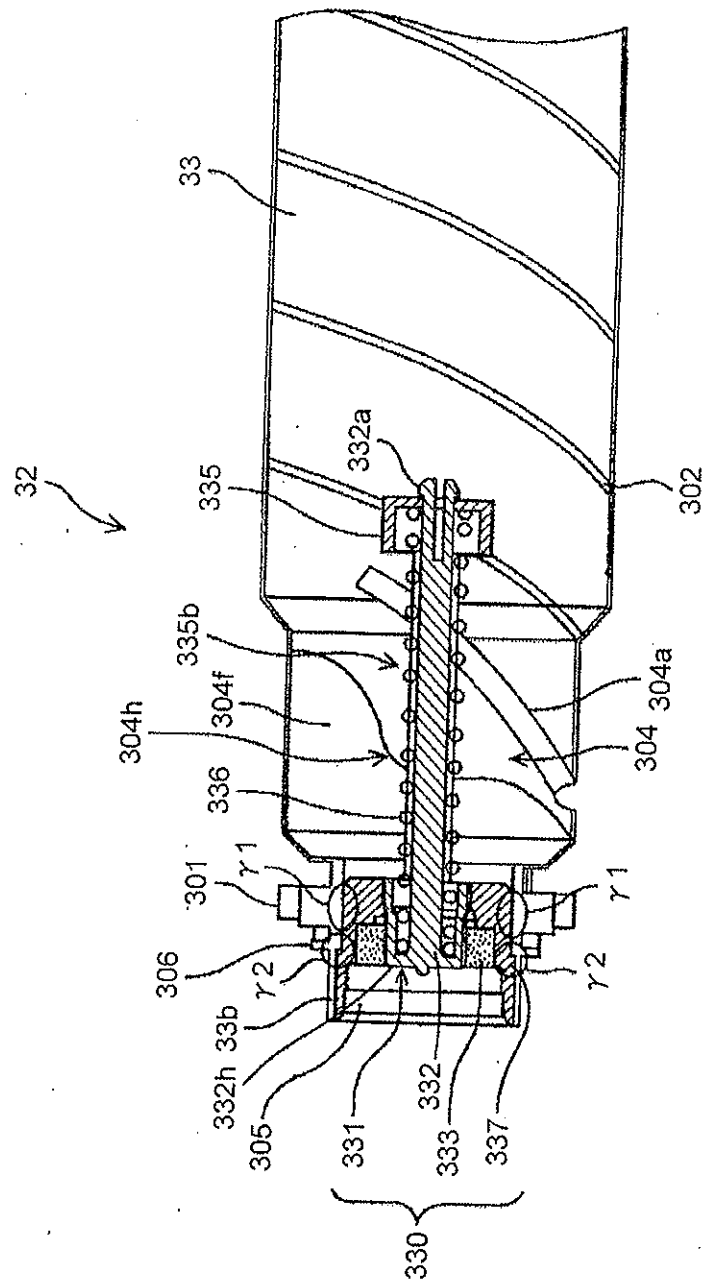


FIG.14

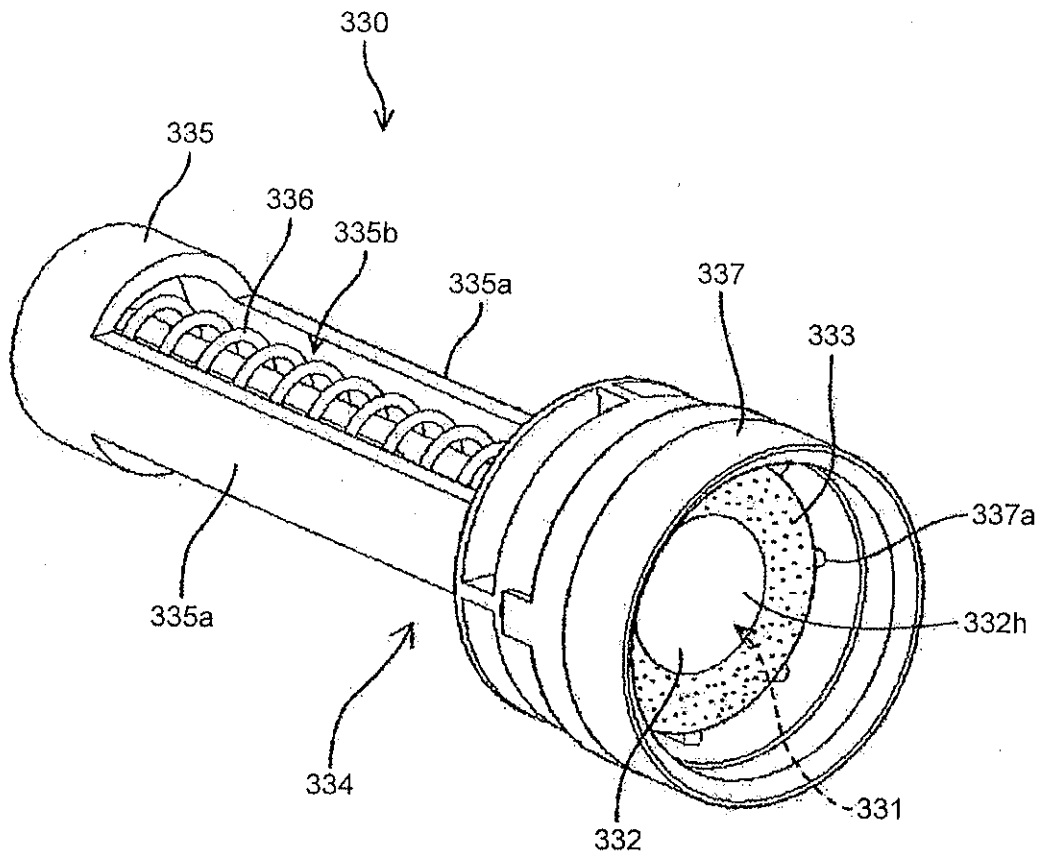


FIG.15

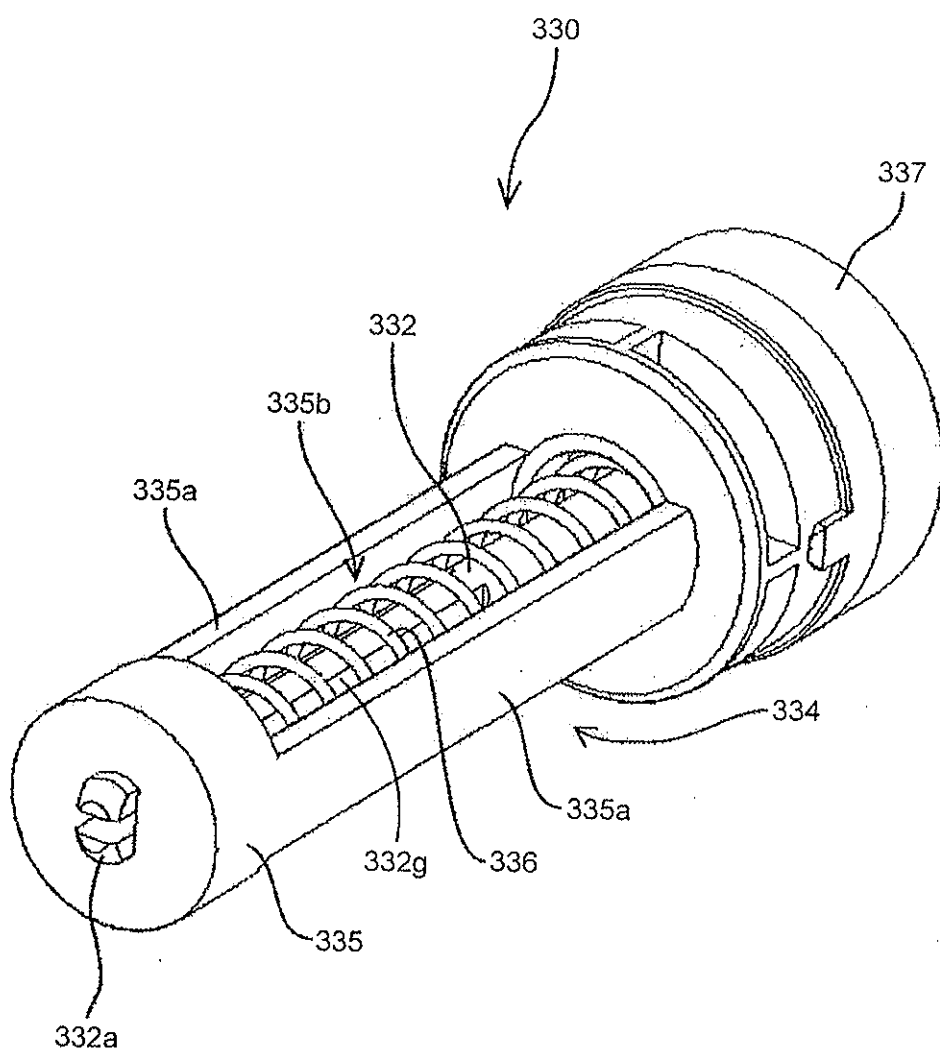


FIG.16

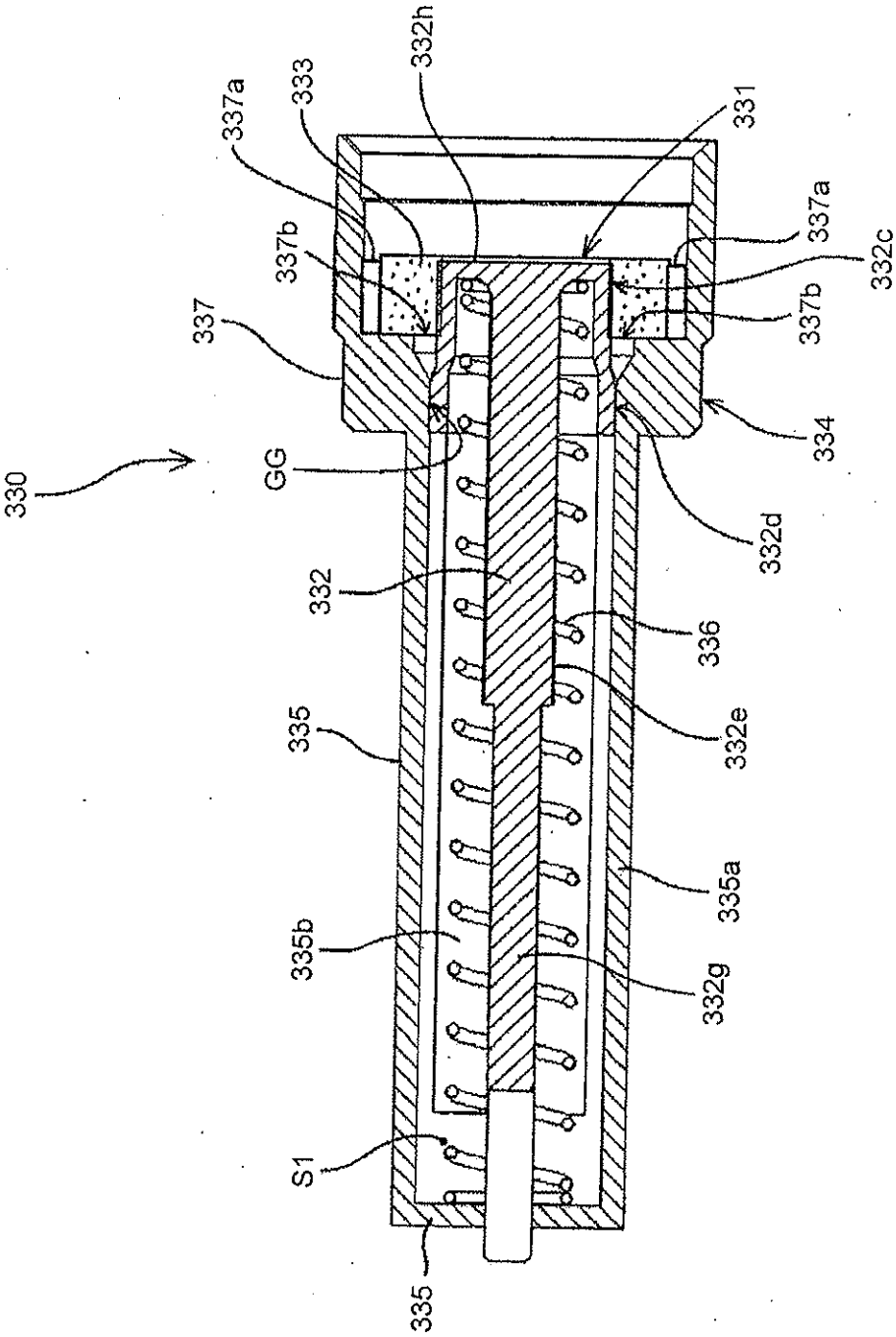


FIG. 17

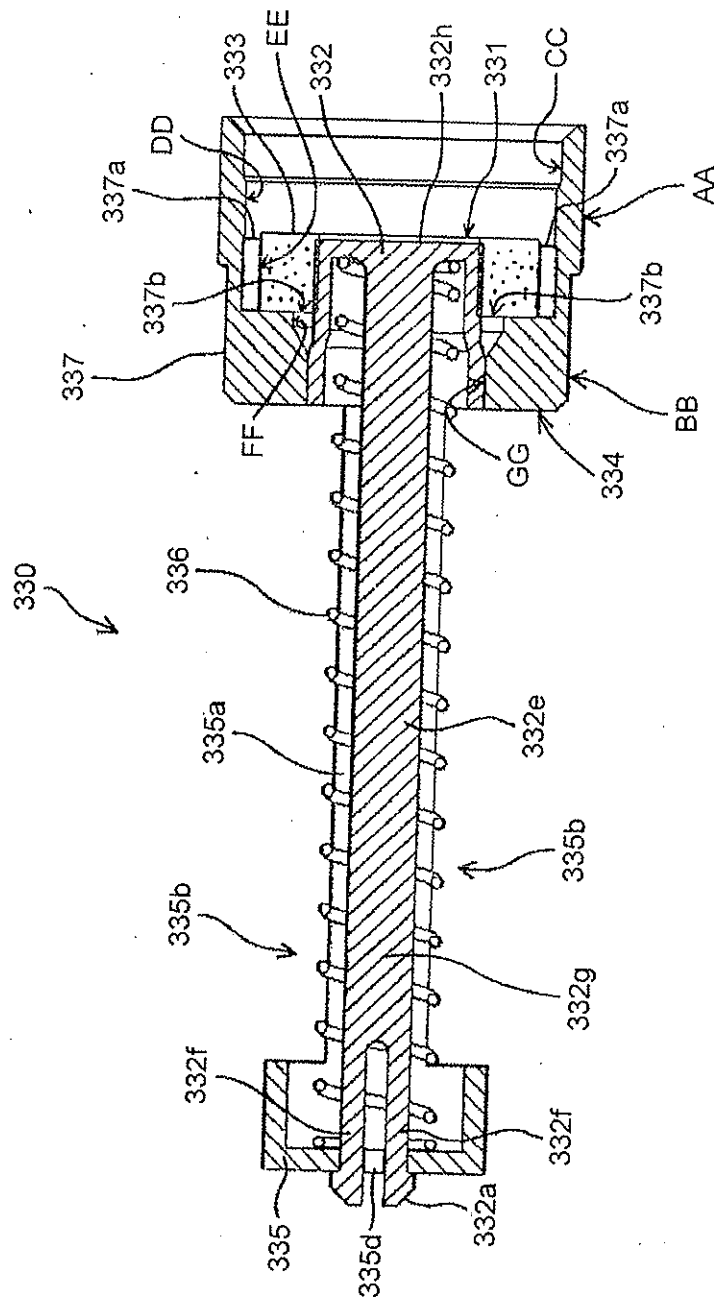
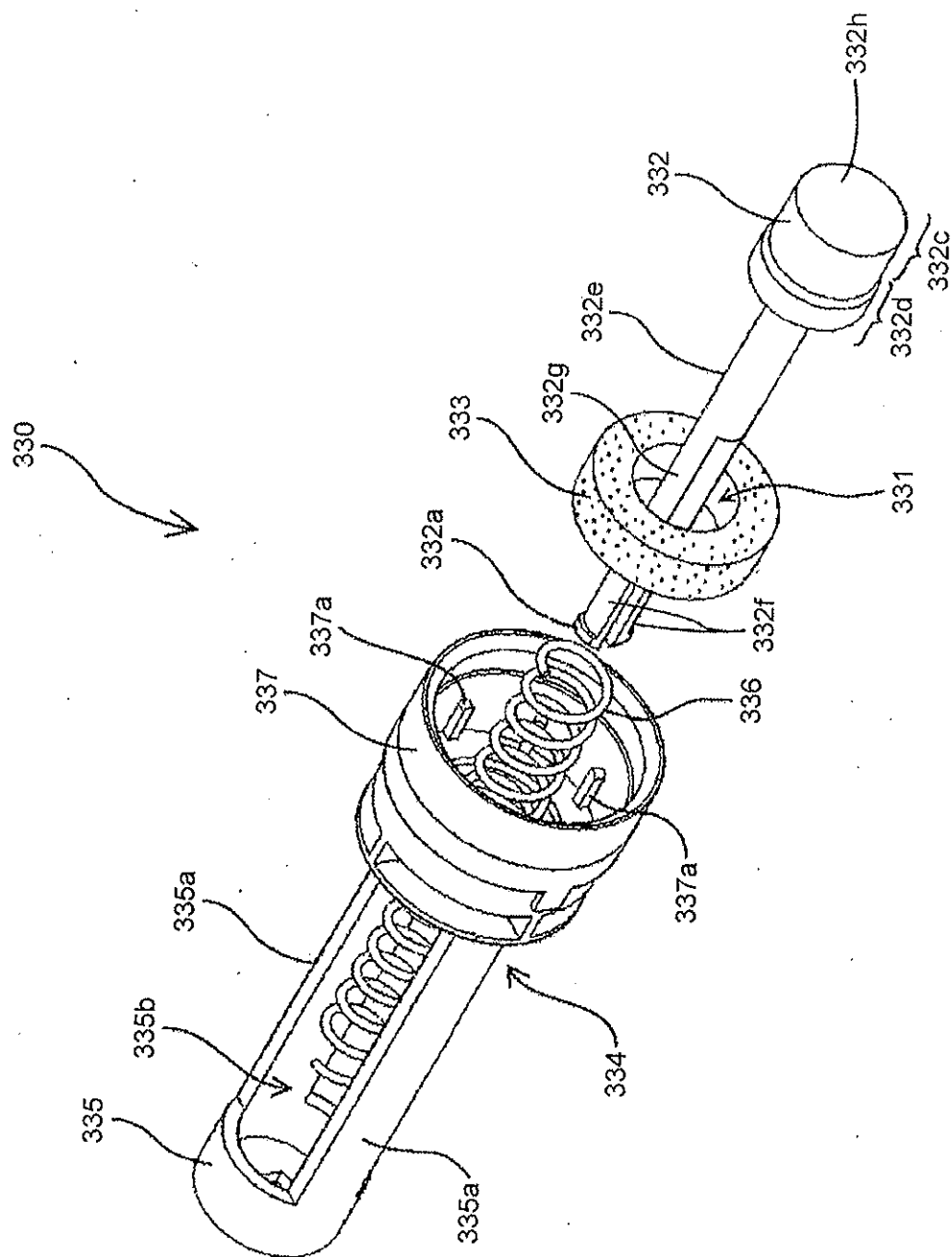


FIG.18



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FIG.19A

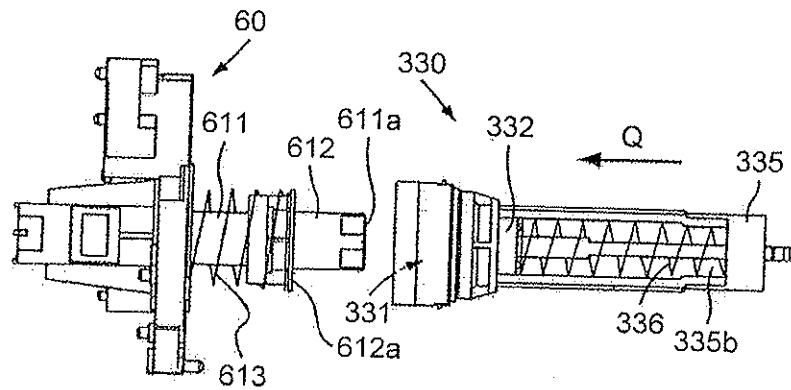


FIG.19B

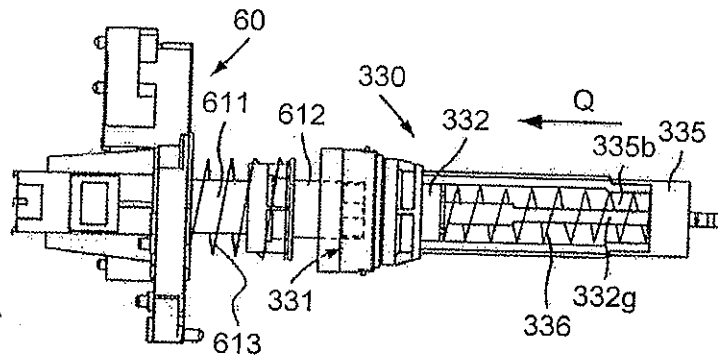


FIG.19C

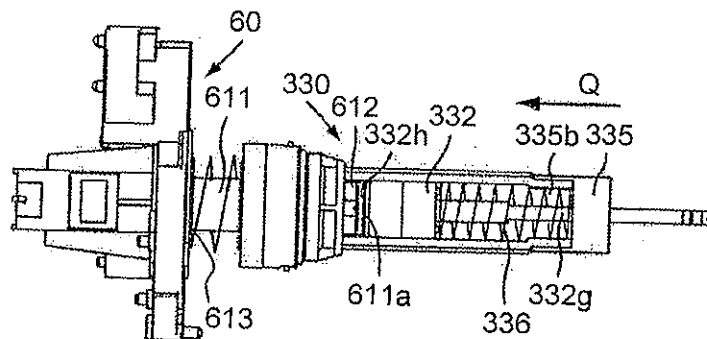


FIG.19D

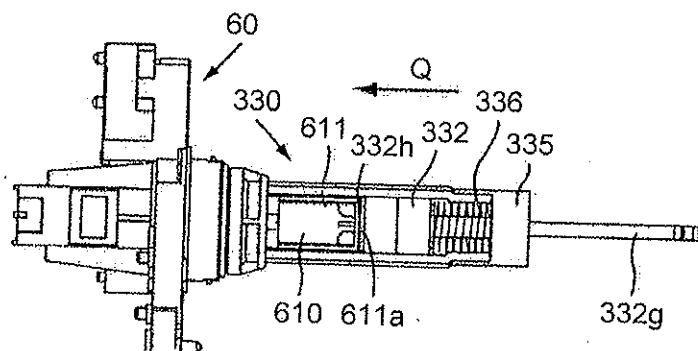


FIG.20

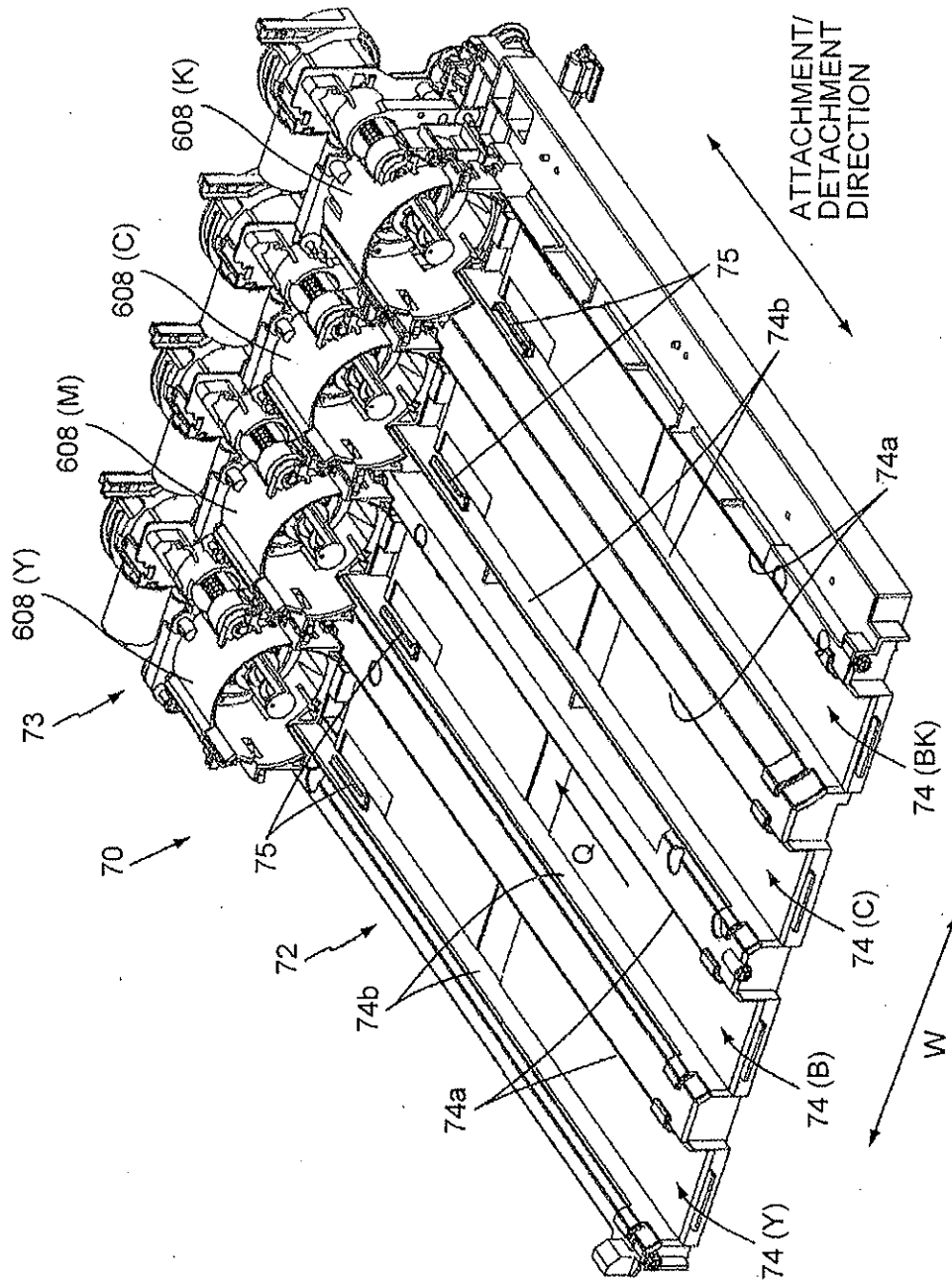


FIG.21A

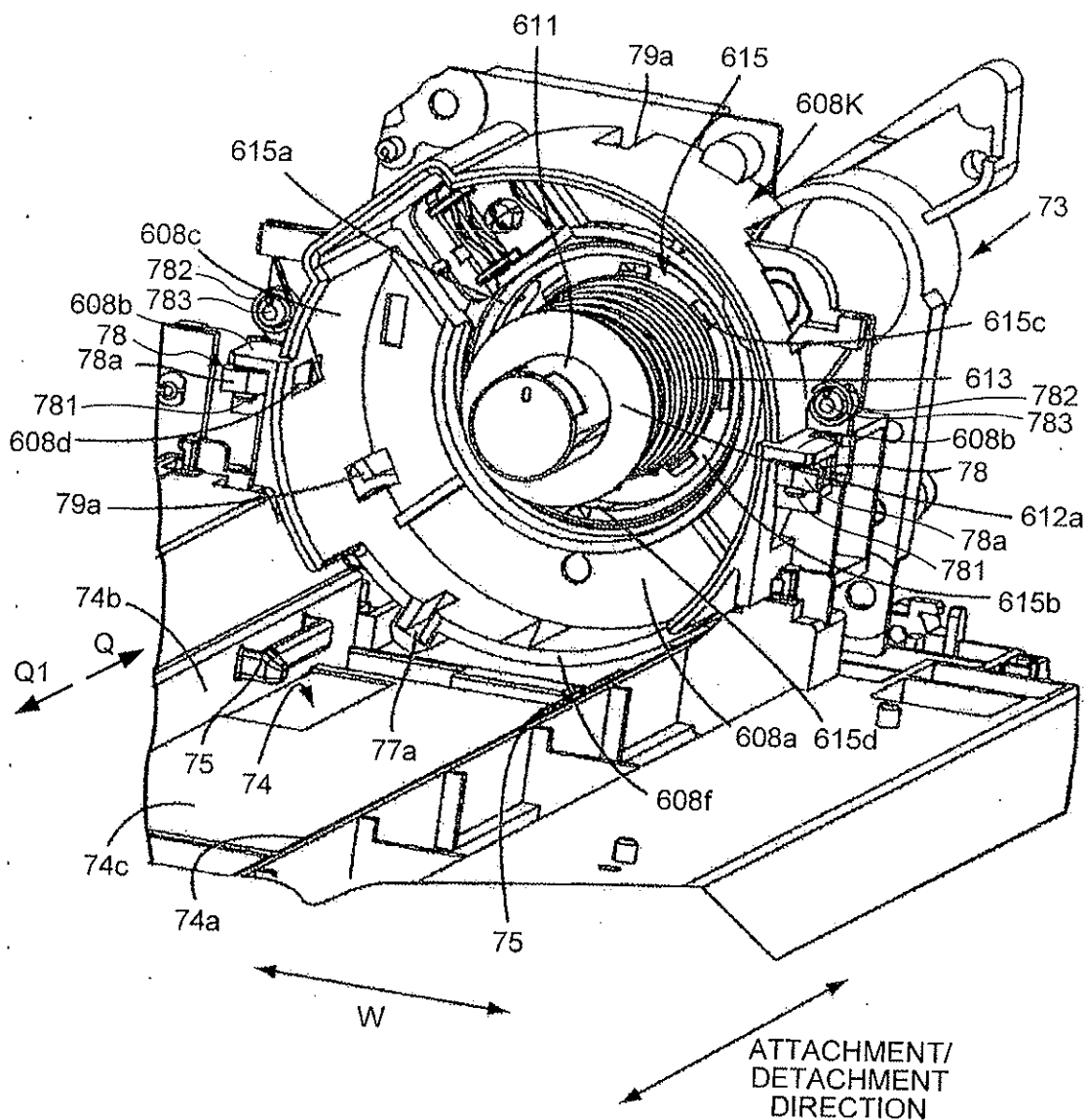


FIG.21B

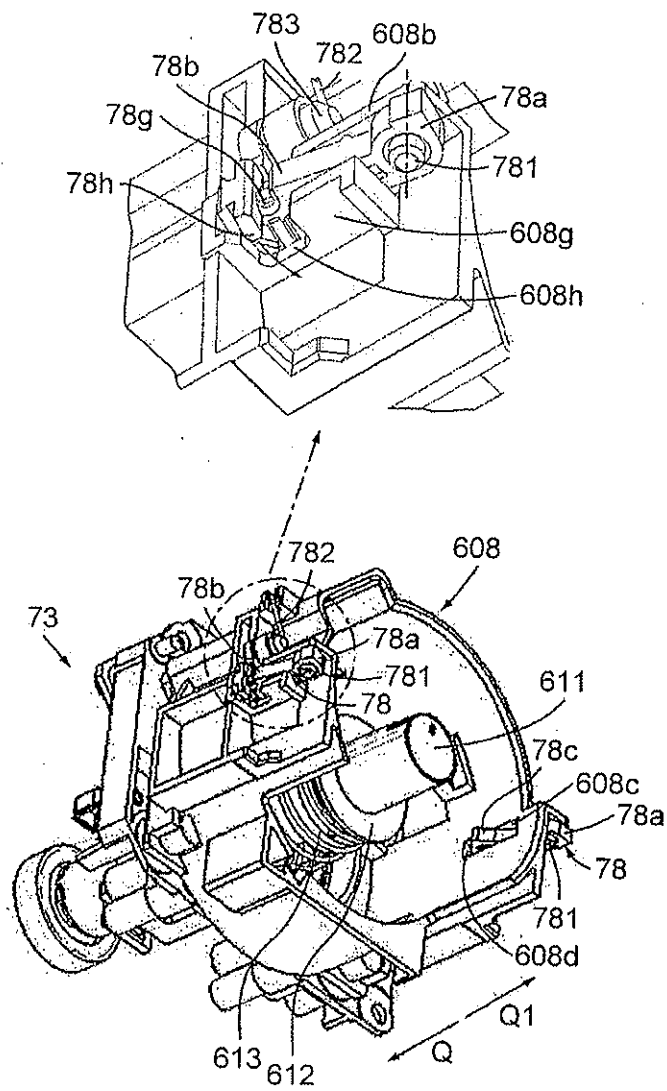


FIG.22

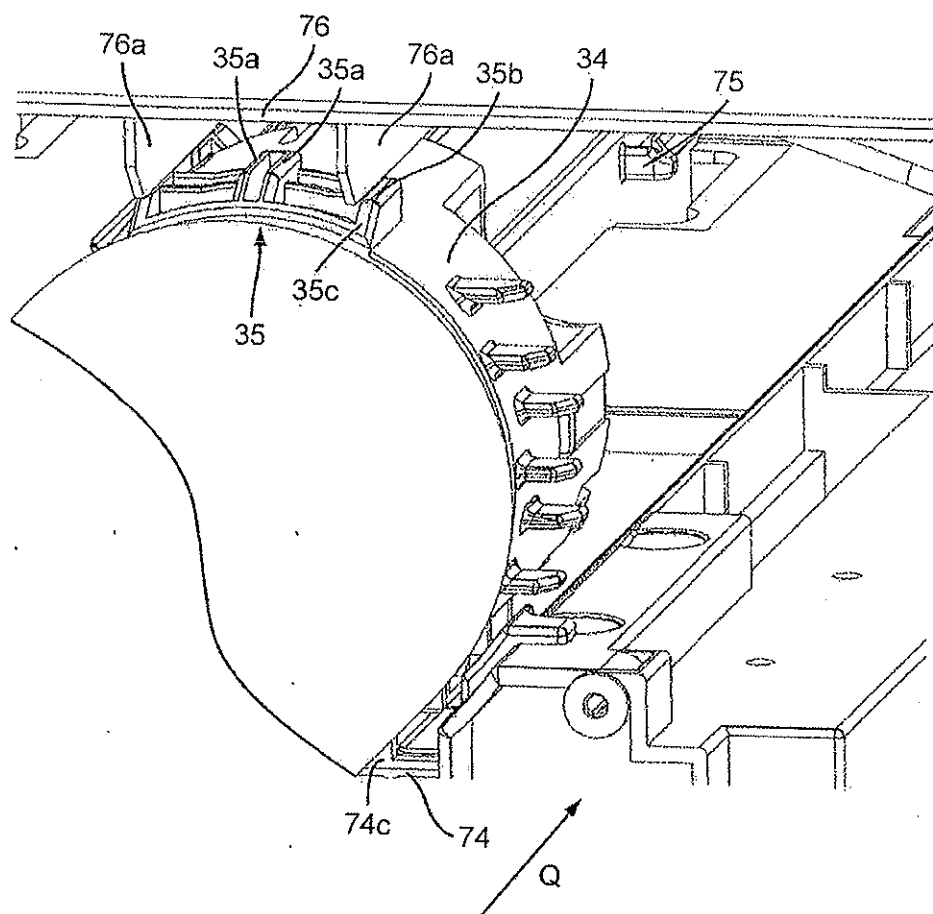


FIG.23

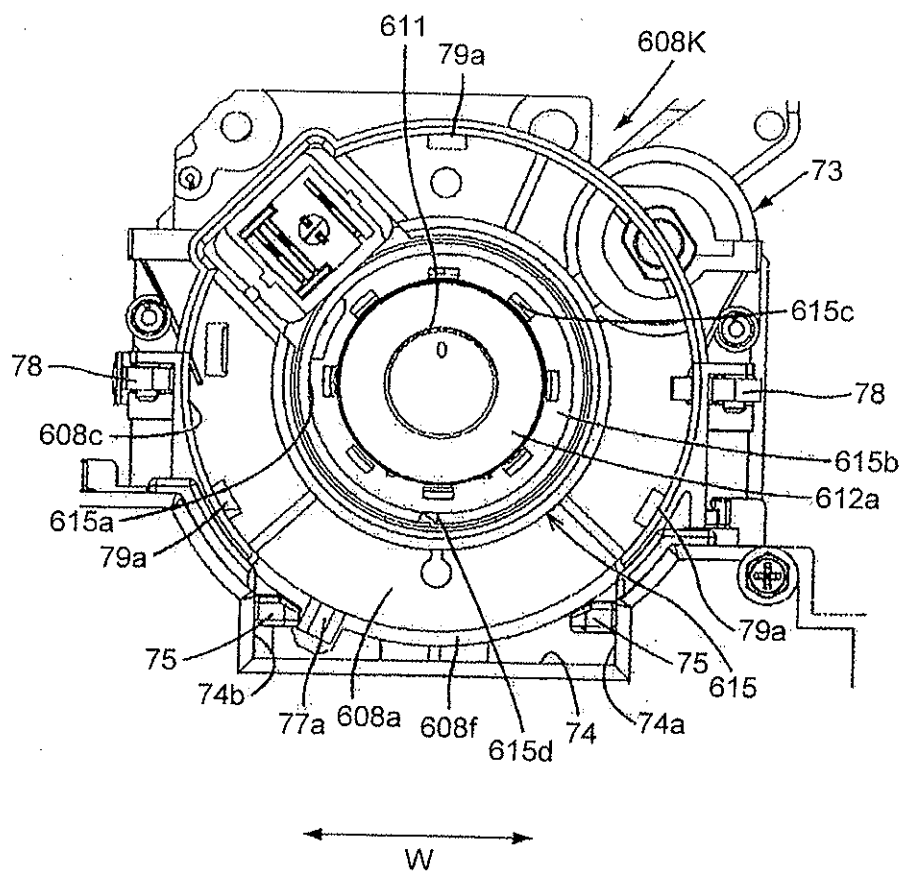


FIG.24

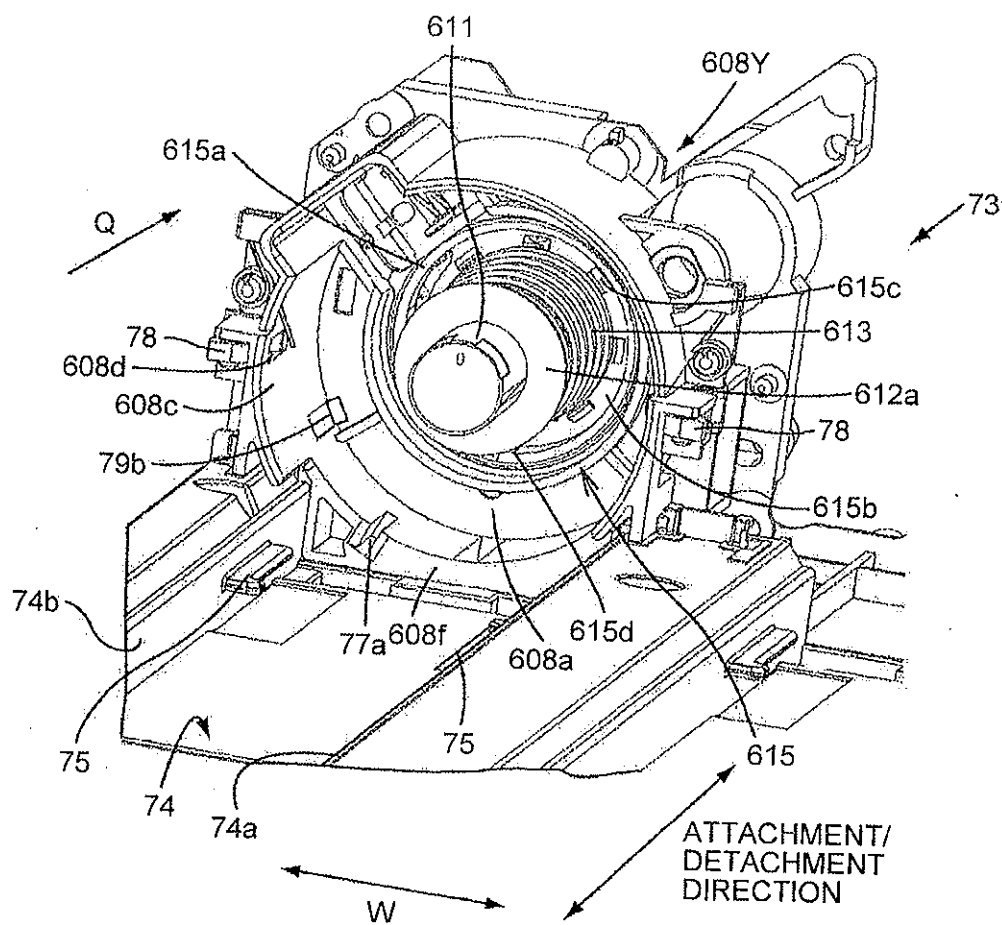


FIG.25

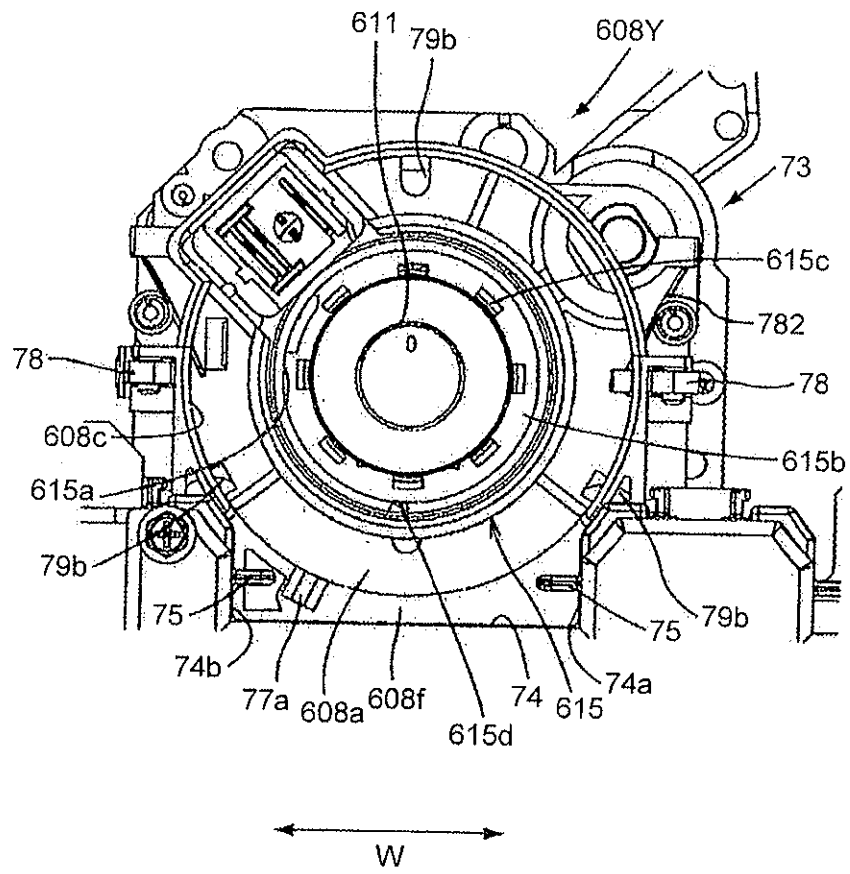
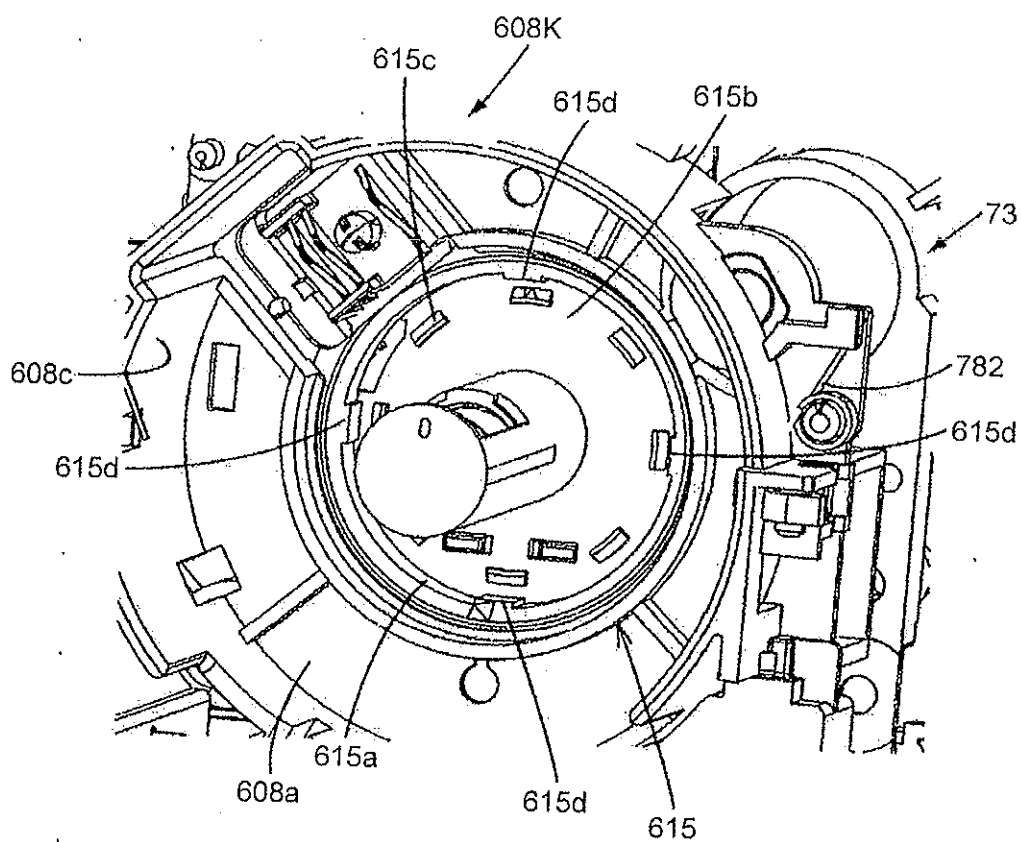


FIG.26



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FIG.27

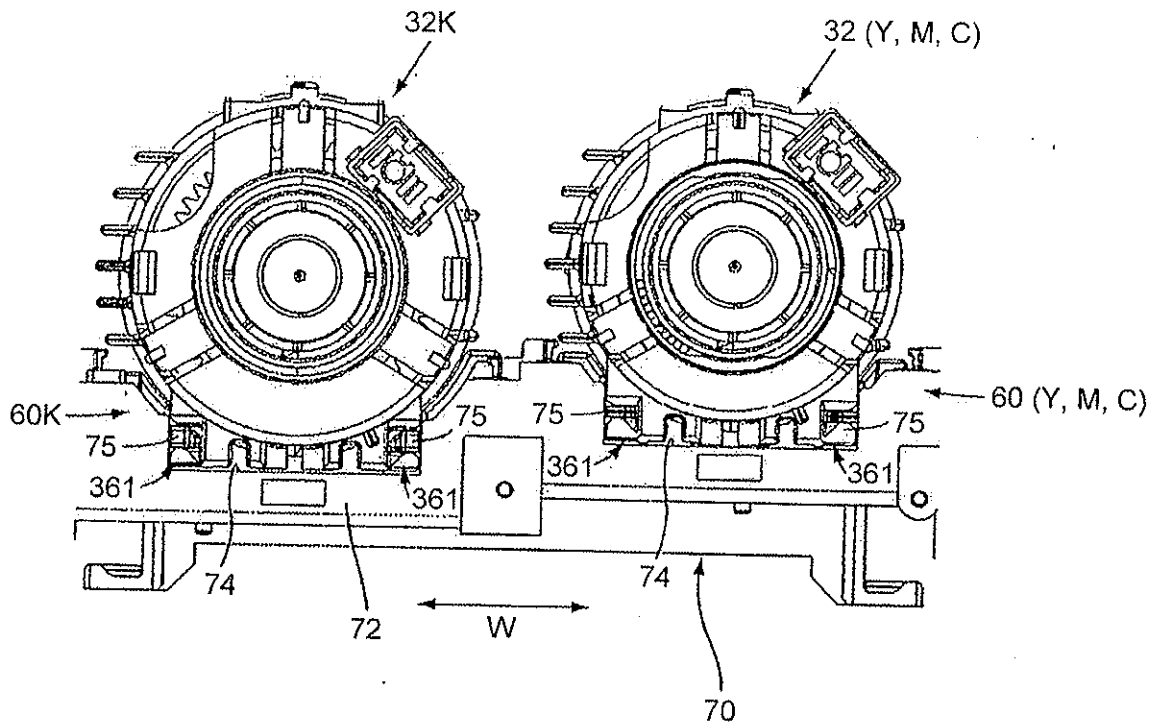


FIG.28

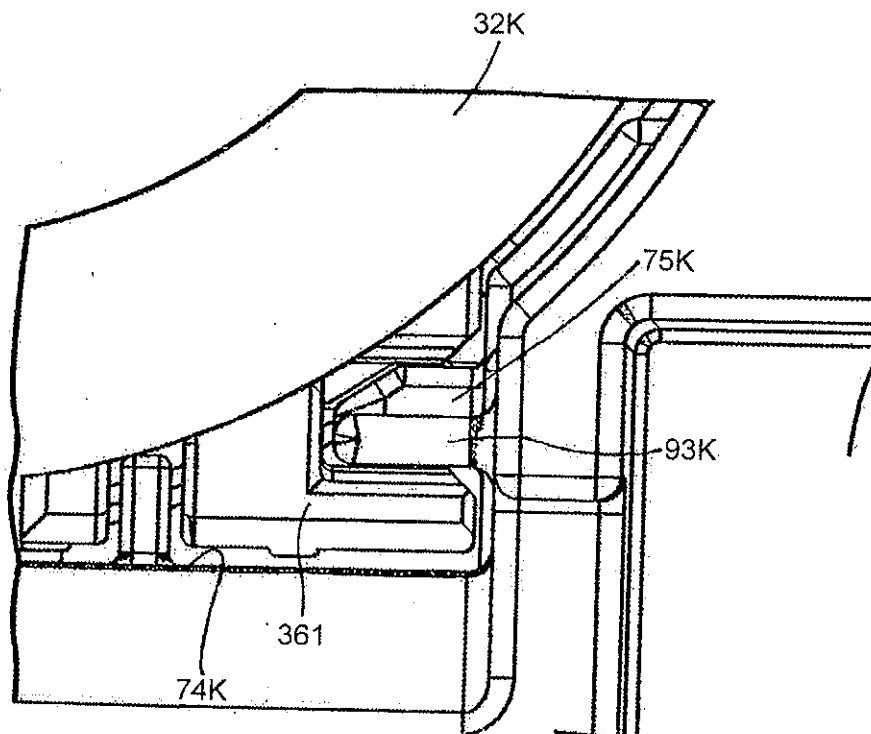


FIG.29A

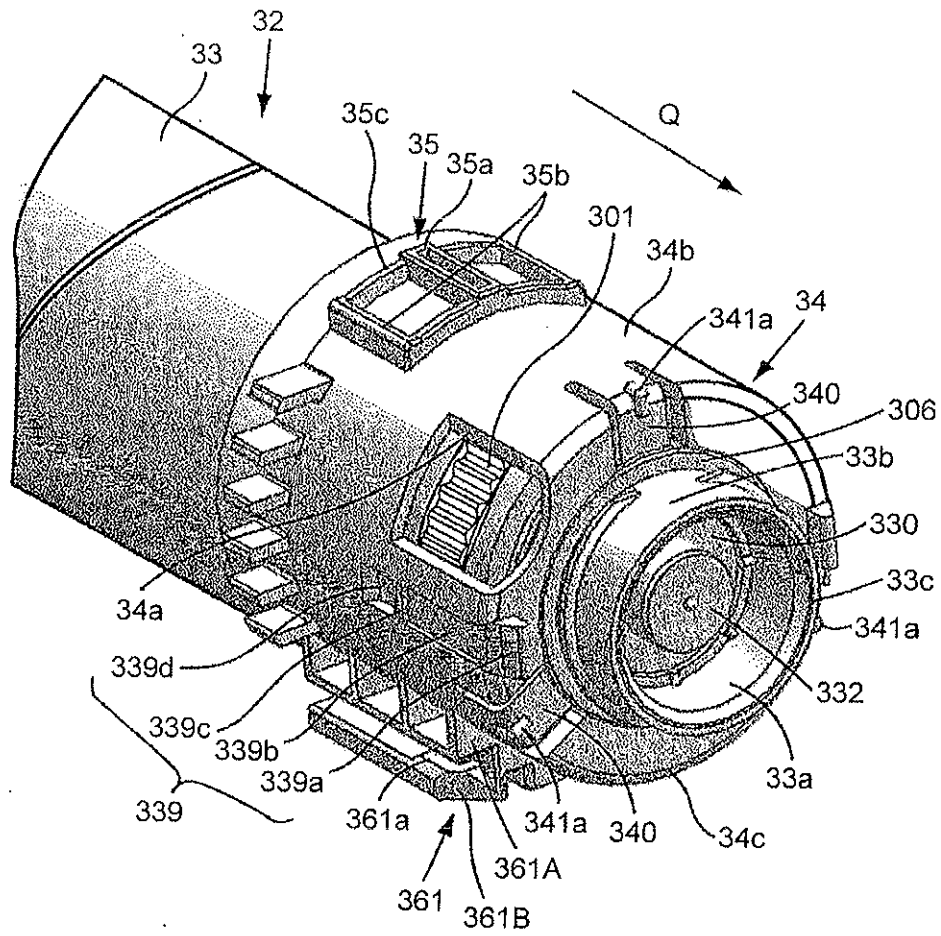


FIG.29B

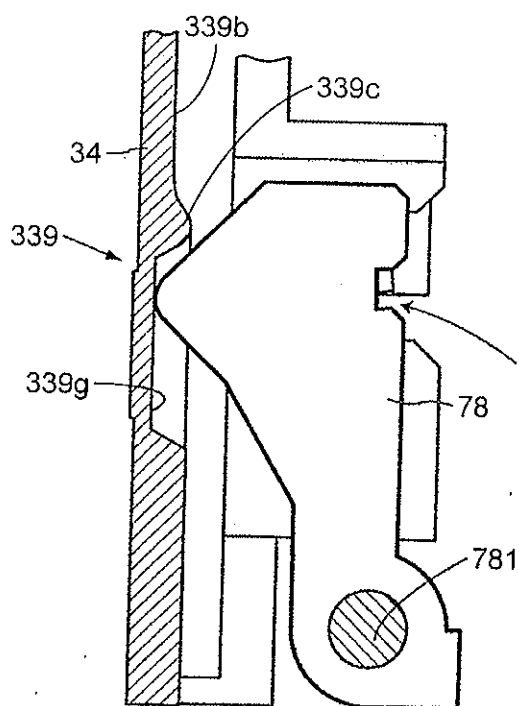


FIG.29C

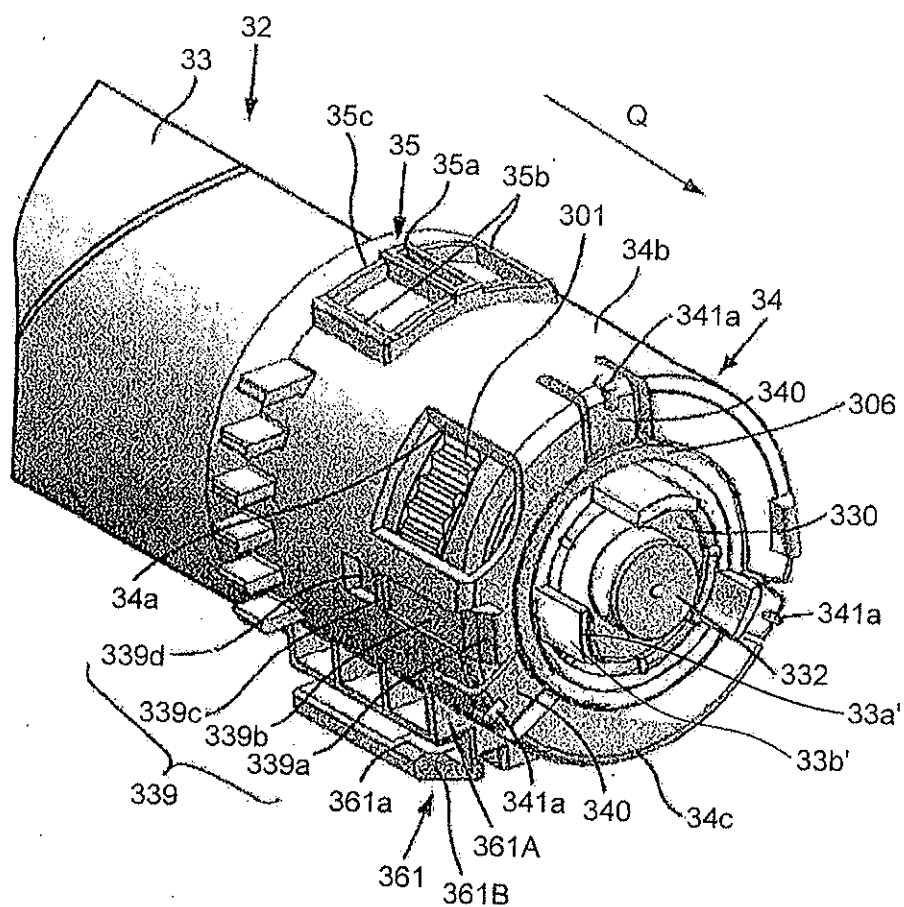


FIG.30A

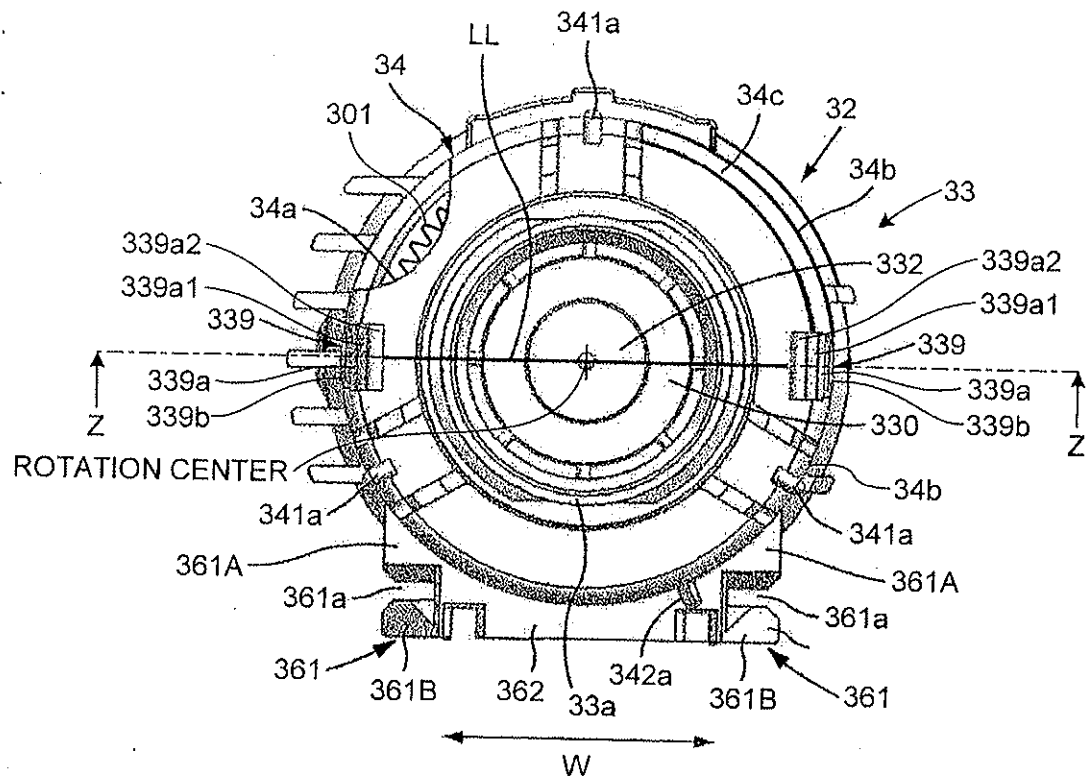
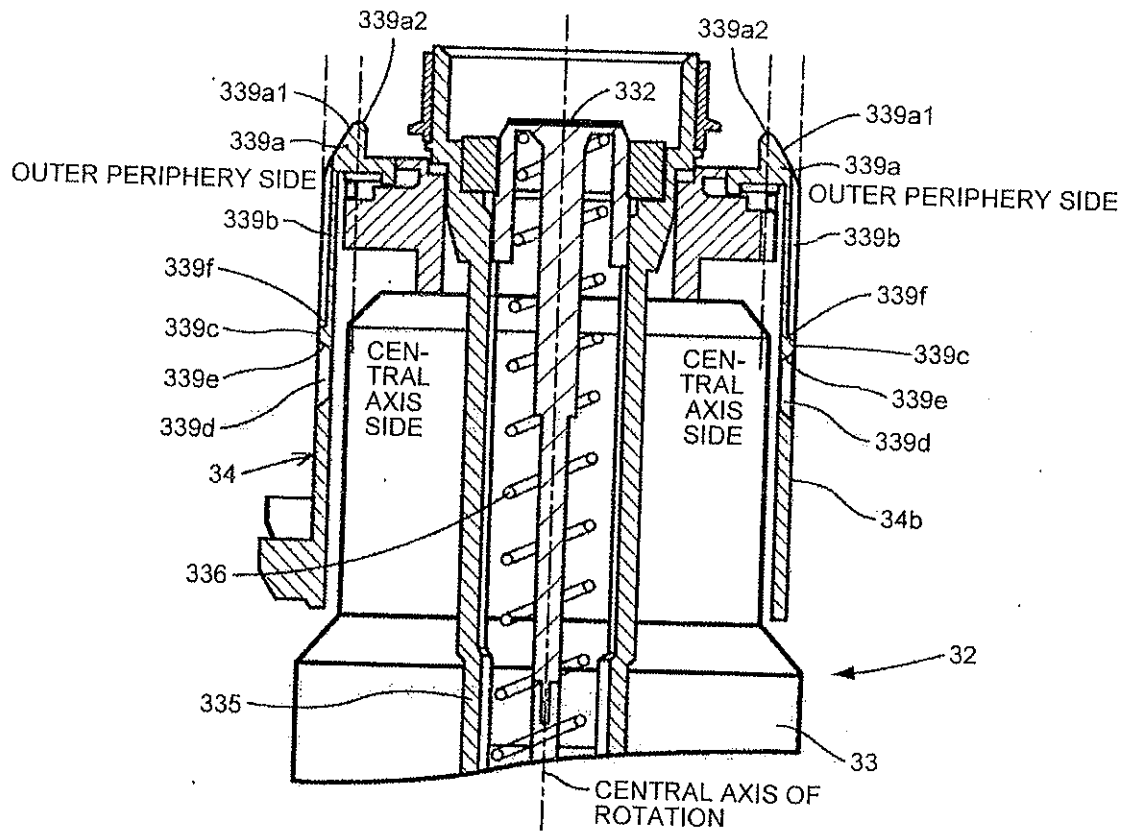


FIG.30B



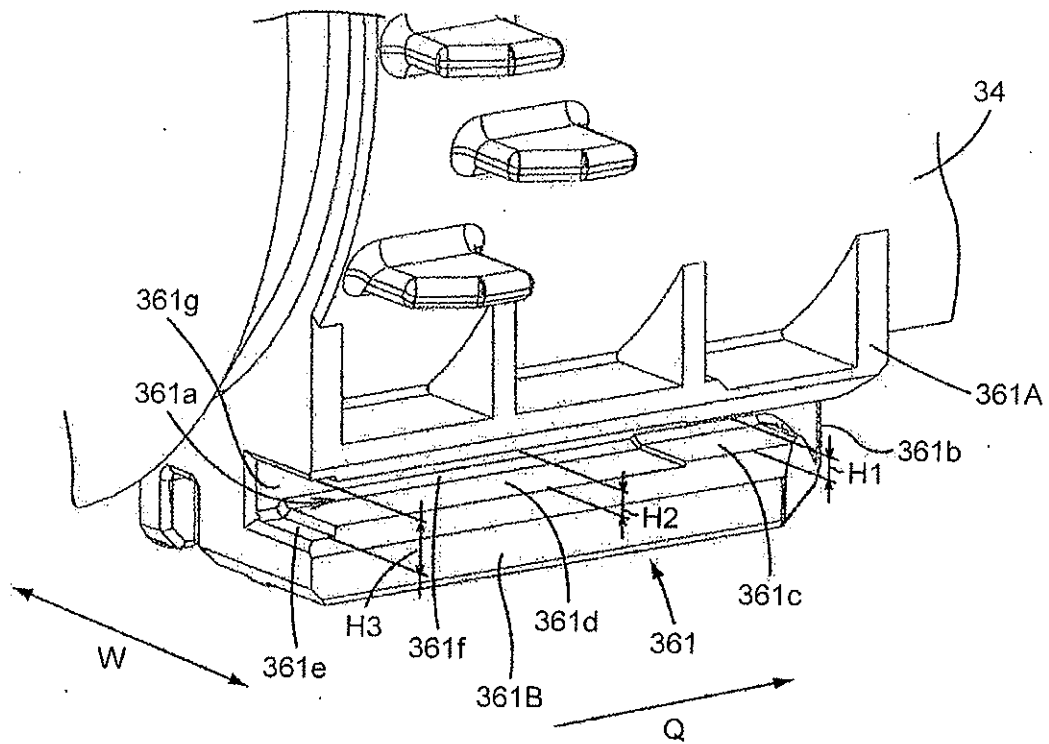
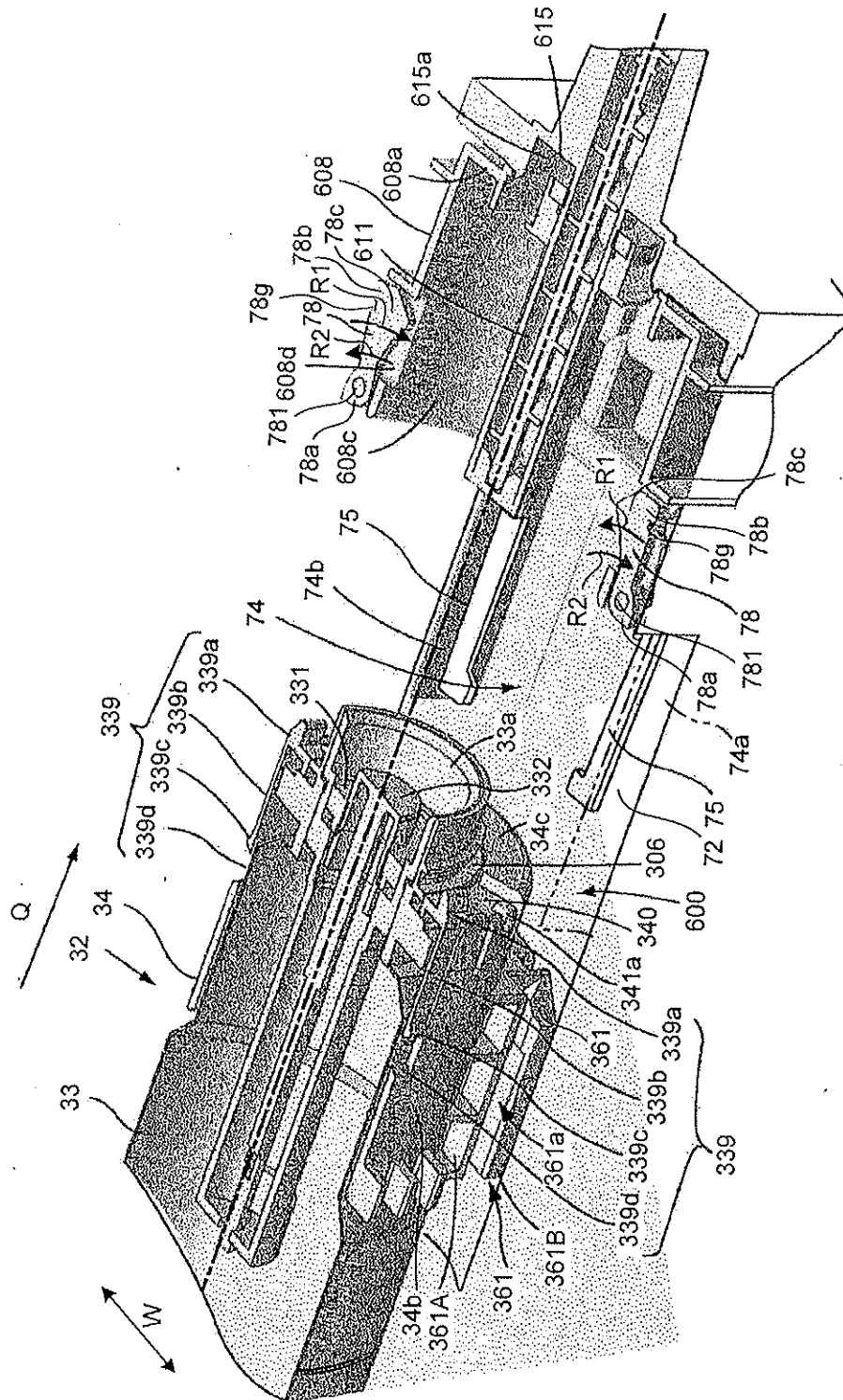


FIG. 32



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FIG.33

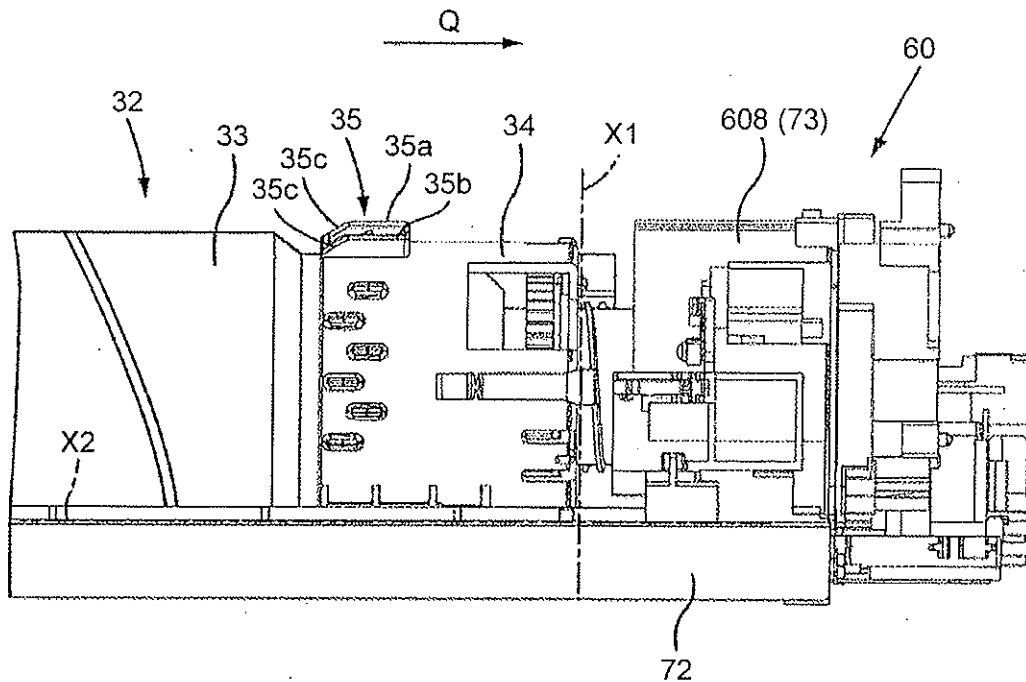
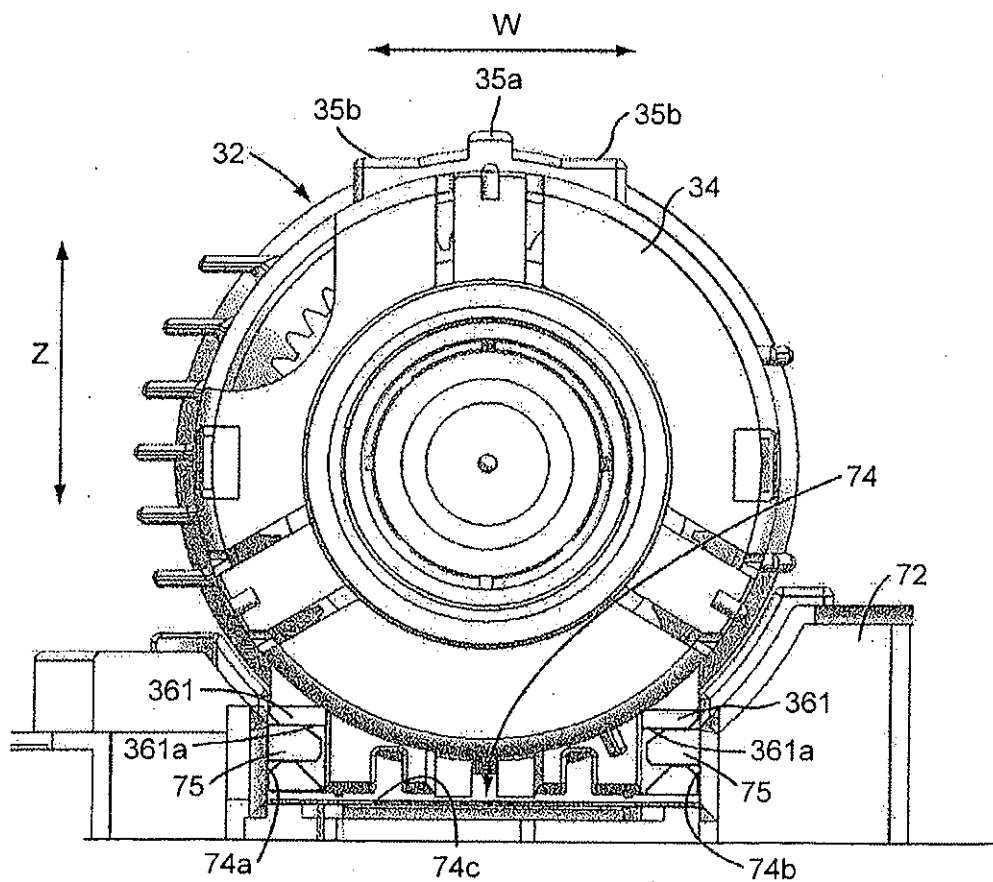


FIG.34



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FIG.35

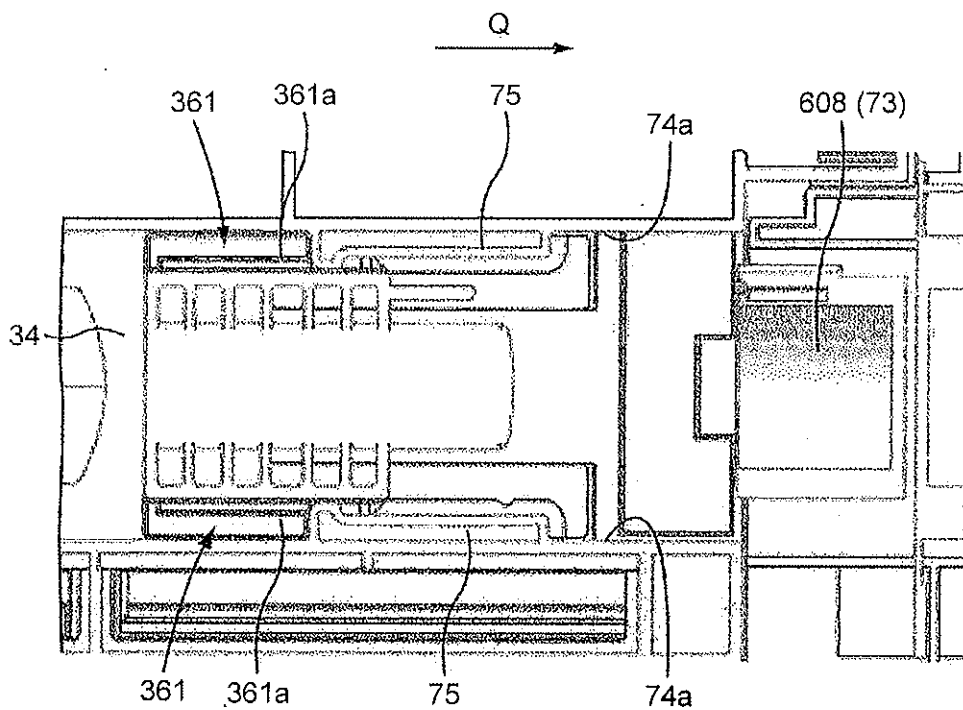
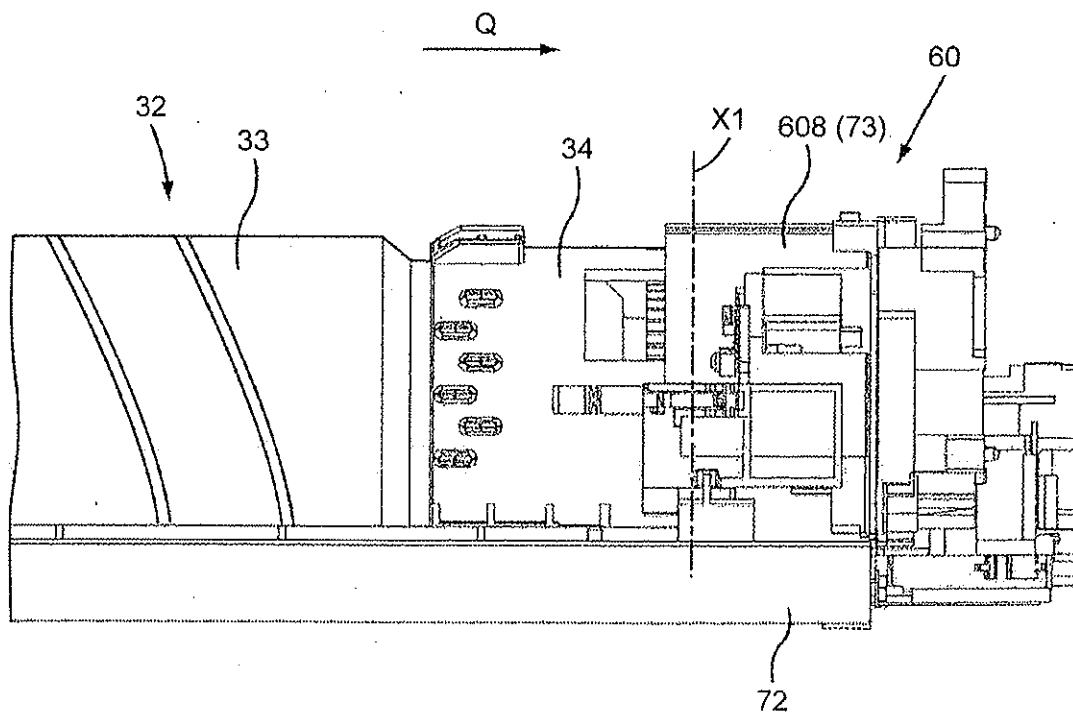


FIG.36



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FIG.37

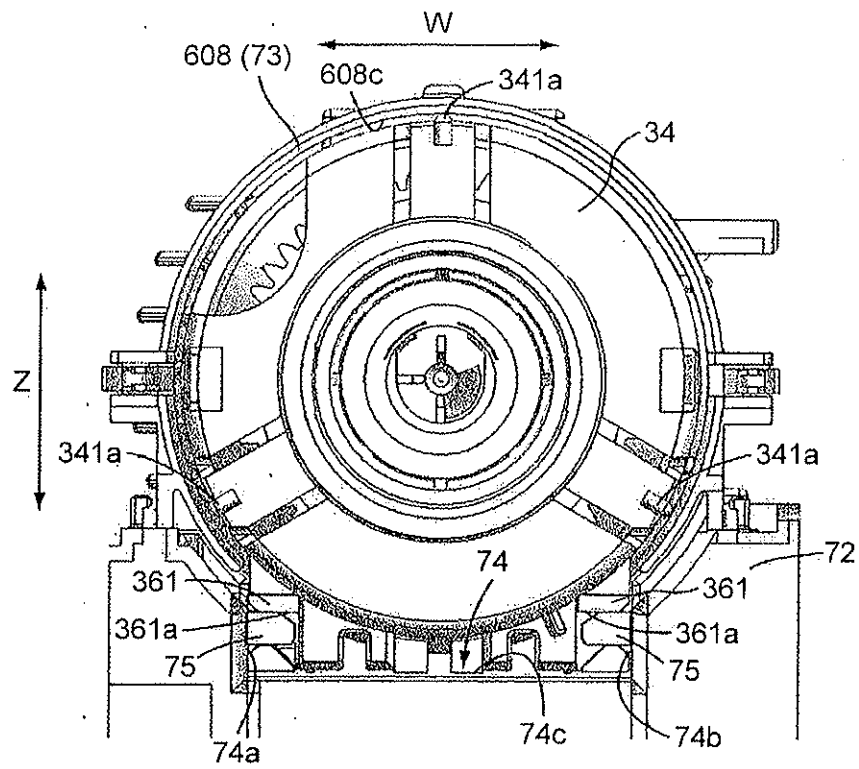


FIG.38A

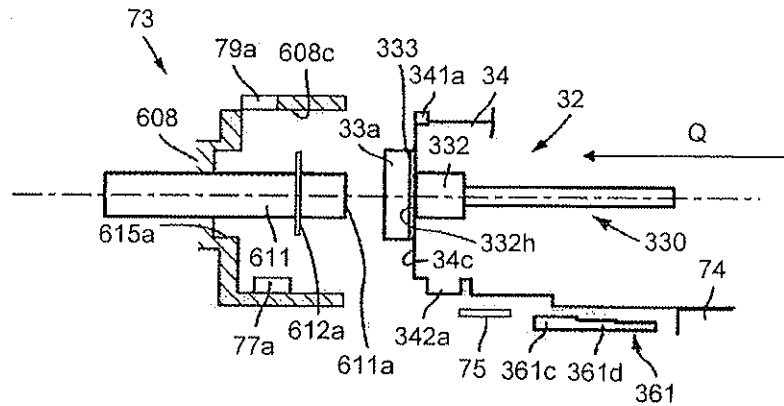


FIG.38B

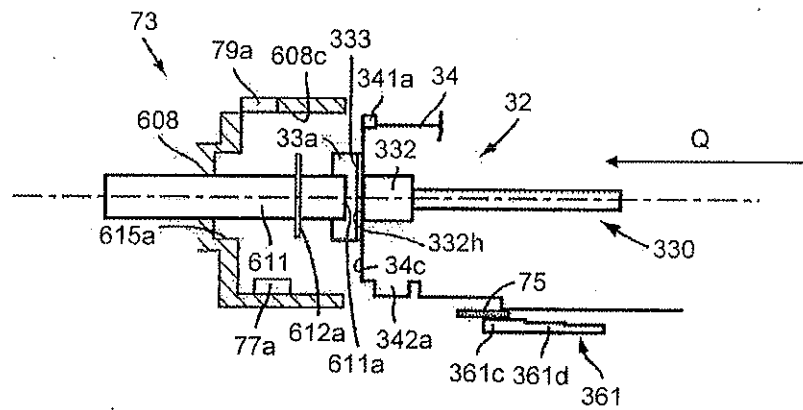


FIG.38C

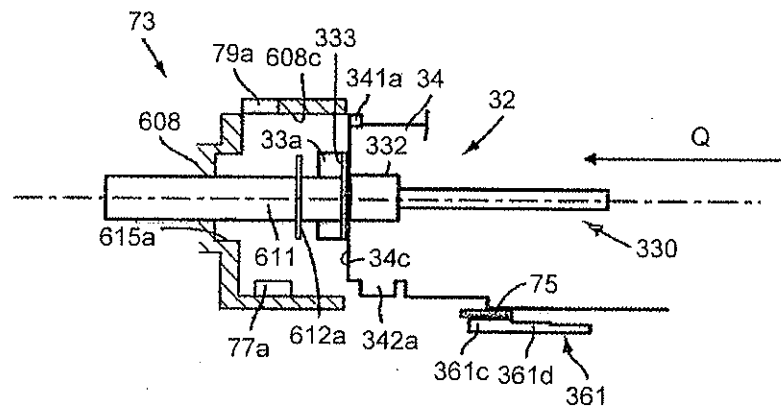
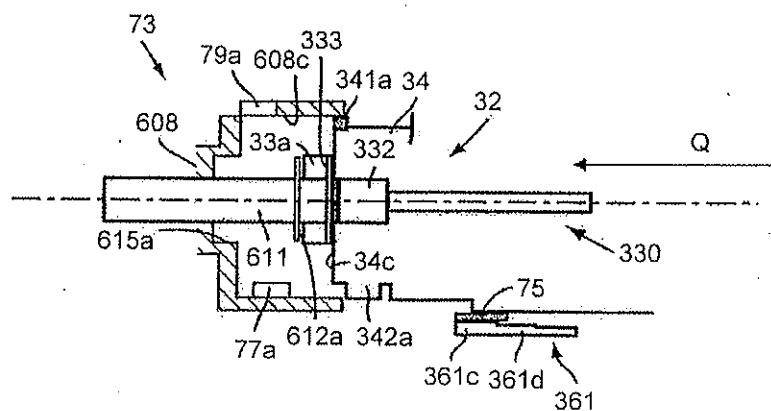


FIG.38D



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FIG.39

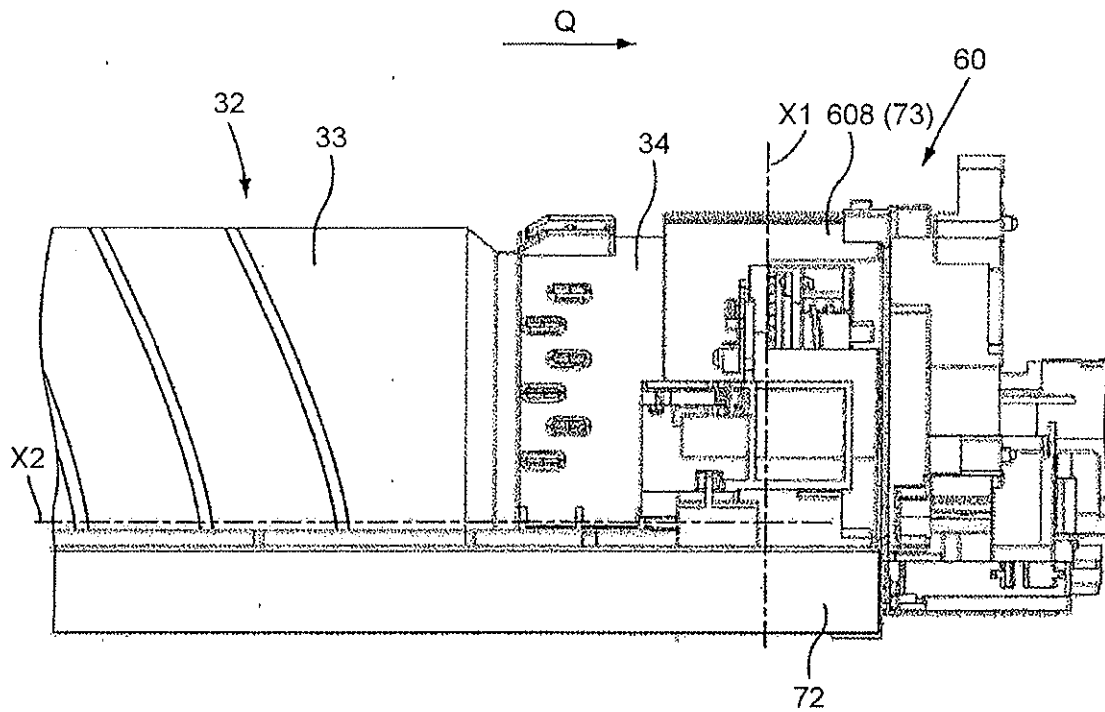
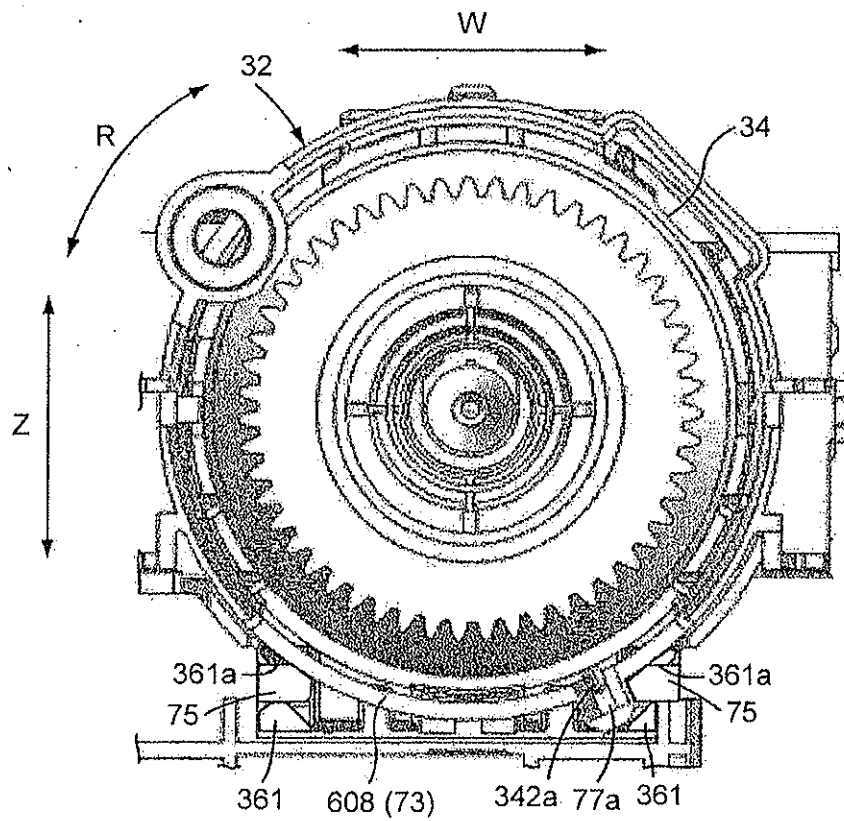


FIG.40



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FIG.41

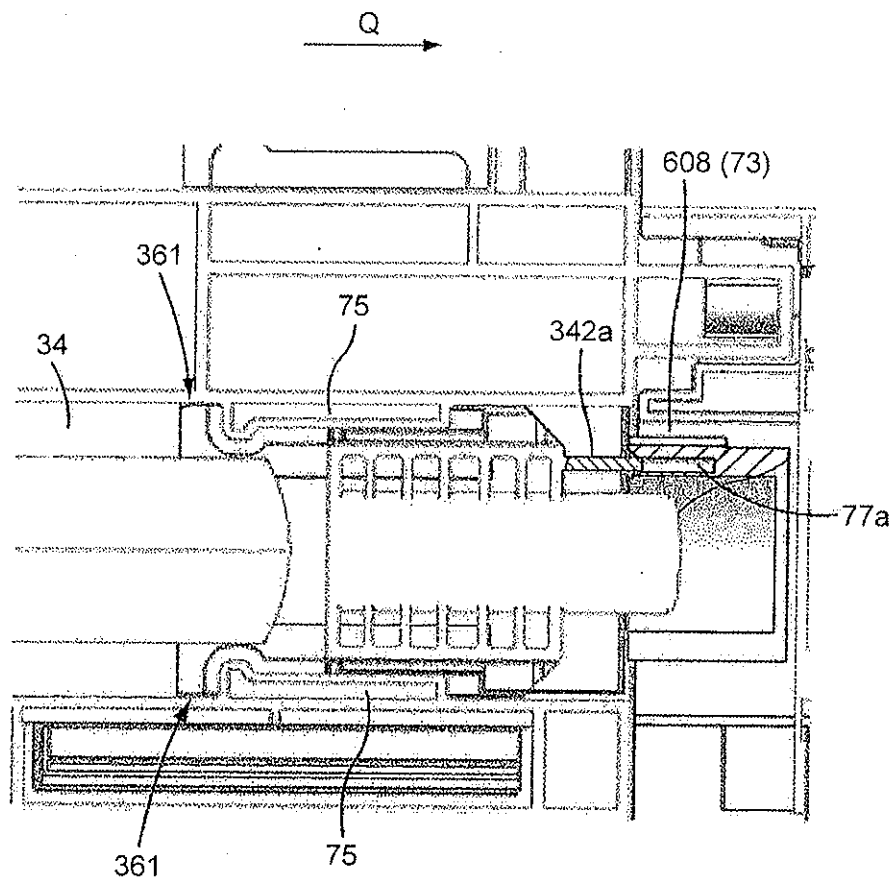
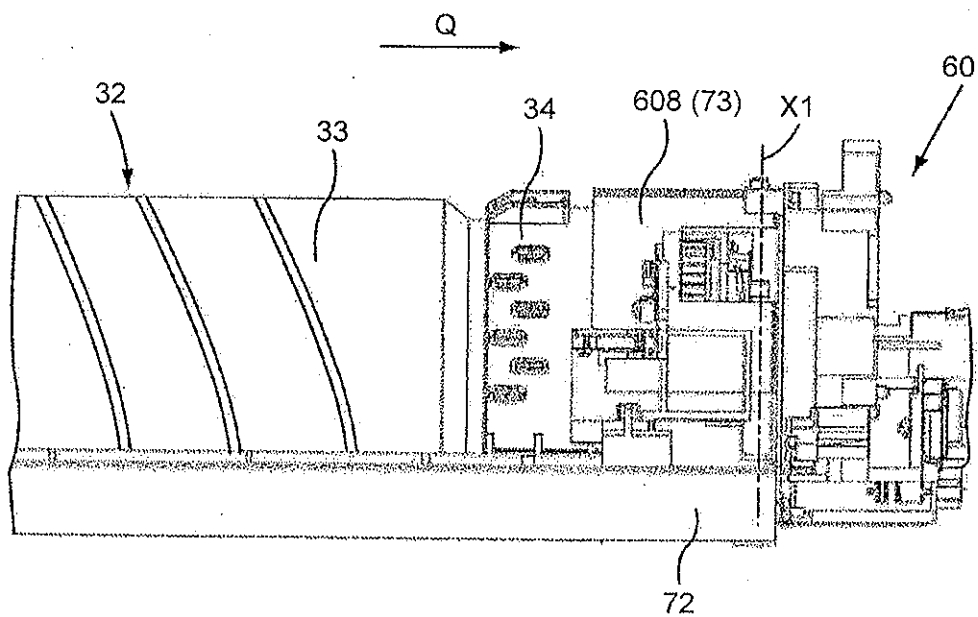
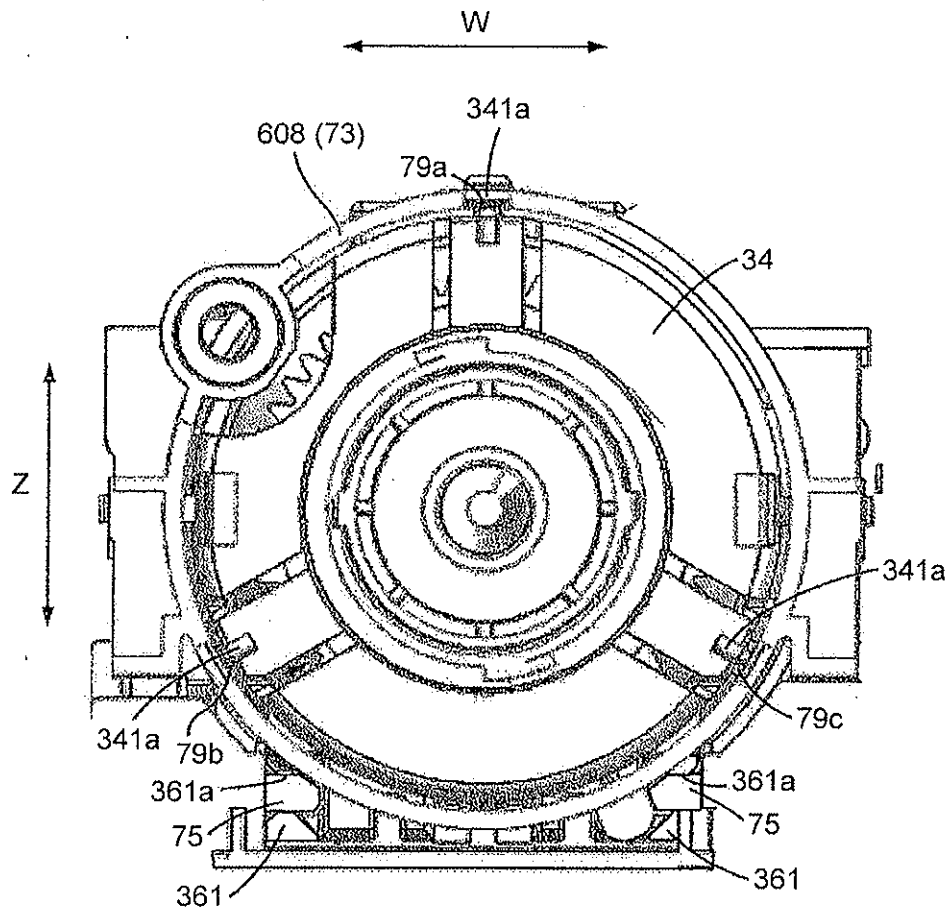


FIG.42



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FIG.43



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FIG.44A

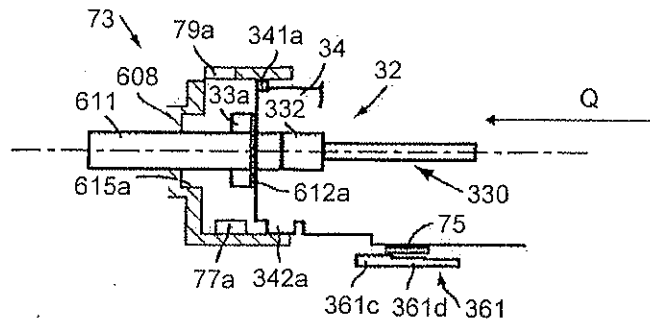


FIG.44B

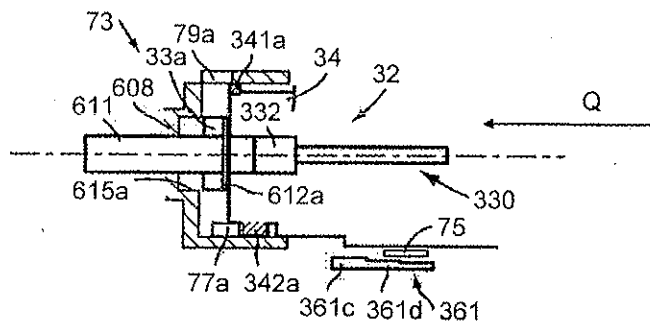


FIG.44C

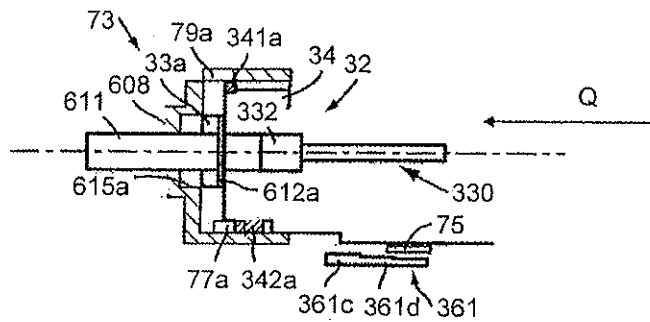


FIG.44D

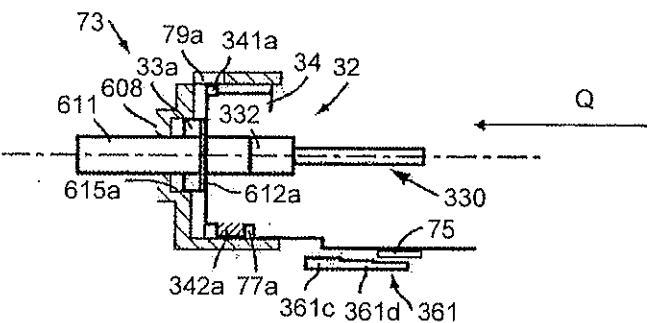


FIG.44E

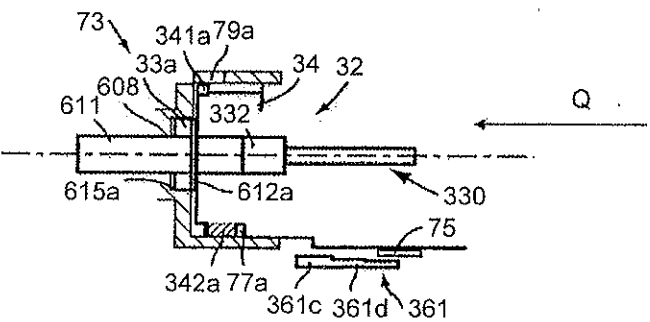


FIG.44F

GUIDING PORTION (POSITIONING PORTION 600)				
	STATE OF CONVEYOR (CONVEYING NOZZLE 611) AND CONVEYOR RECEIVER (NOZZLE RECEIVER 330)			
	(a)	(b)	(c)	(d)
VERTICAL REGULATOR (SLIDING GUIDE 361)				
RADIAL REGULATOR (PROTRUSION 341a)				
CIRCUMFERENTIAL RESTRICTOR (ROTATION RESTRICTOR 342)				

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FIG.45

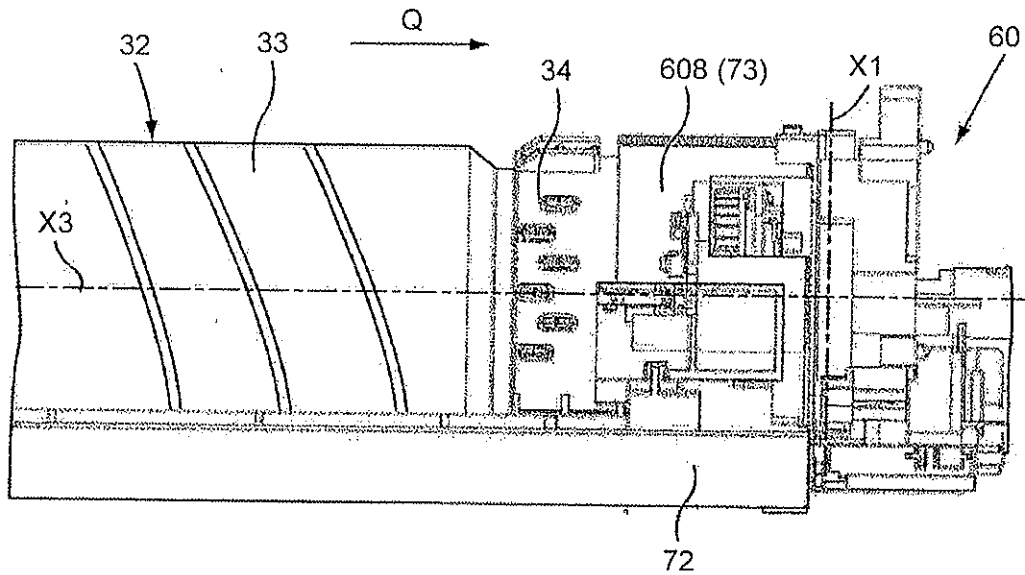
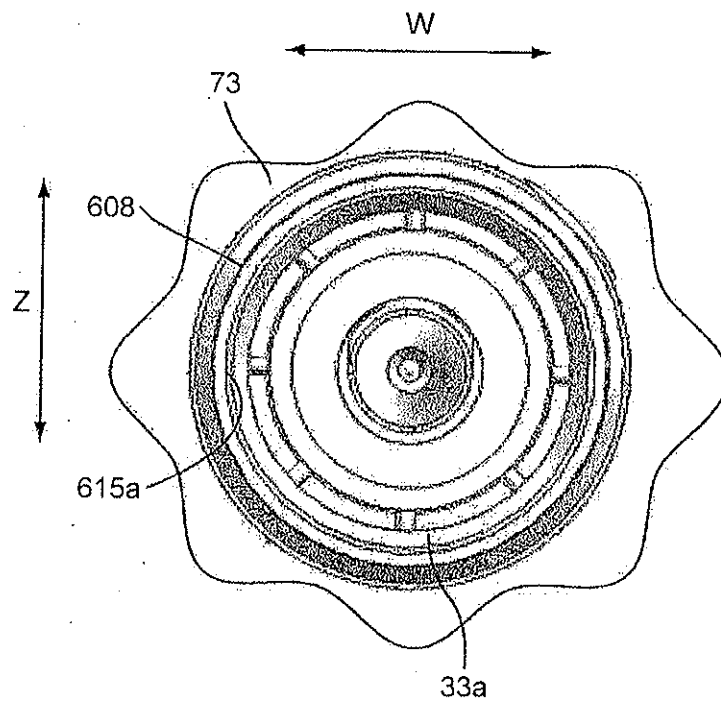


FIG.46



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FIG.47

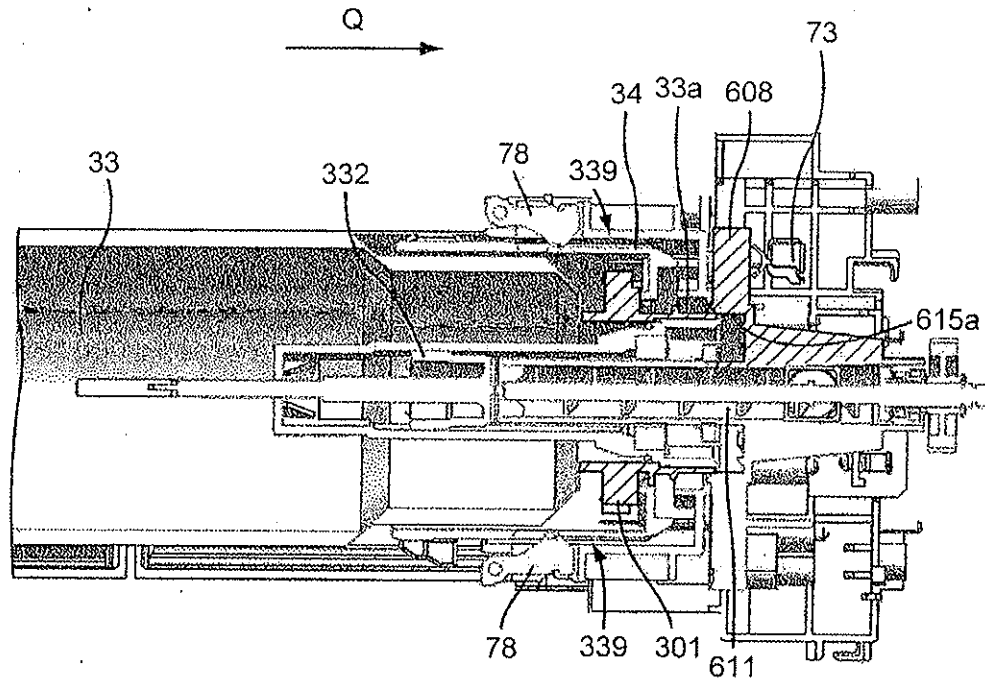
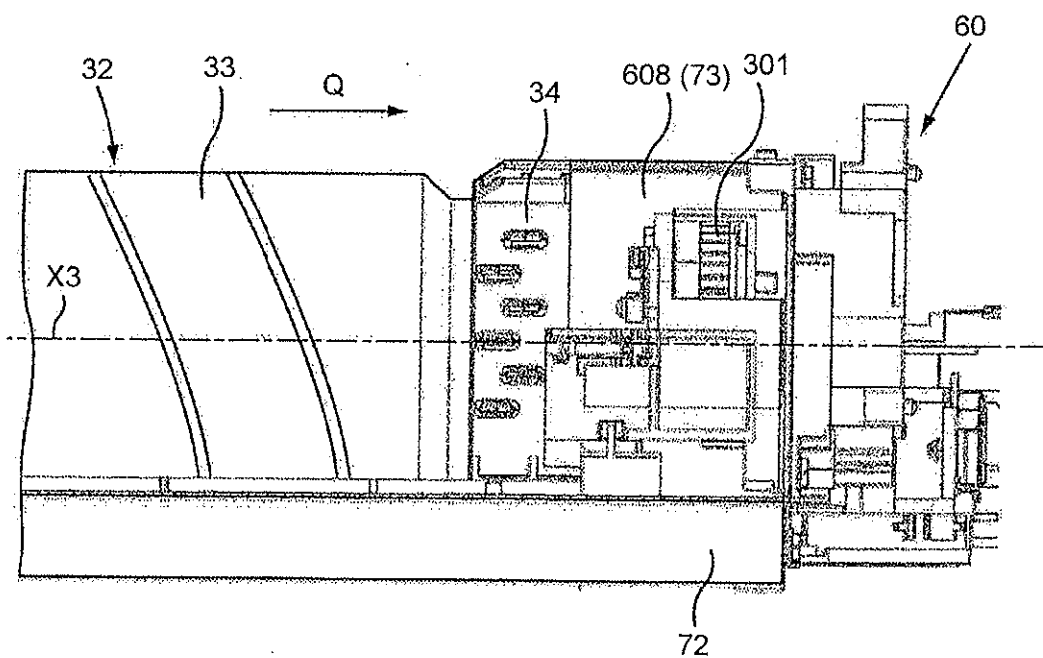


FIG.48



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FIG.49

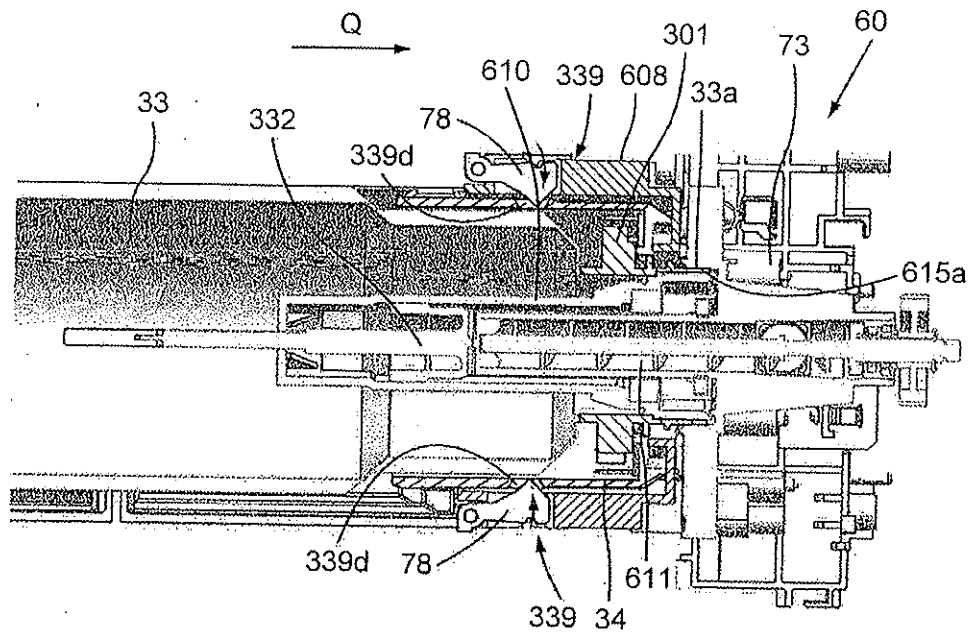


FIG.50

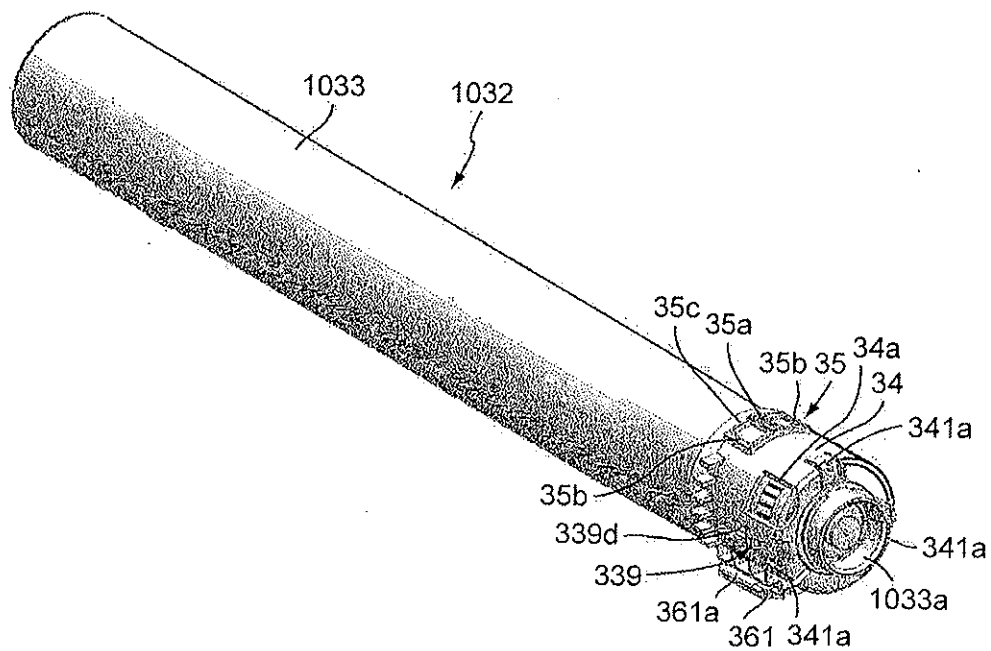


FIG.51A

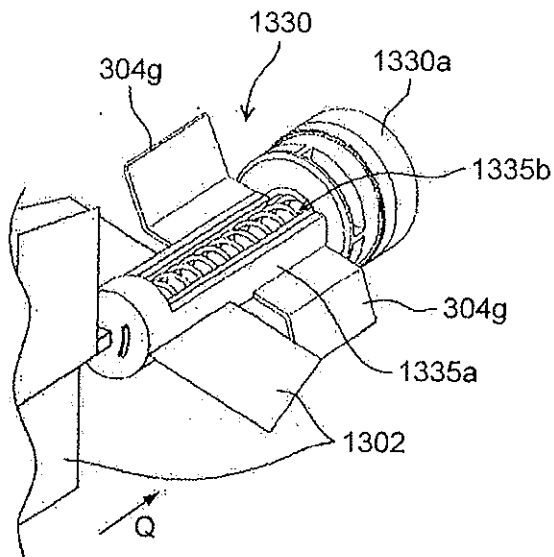


FIG.51B

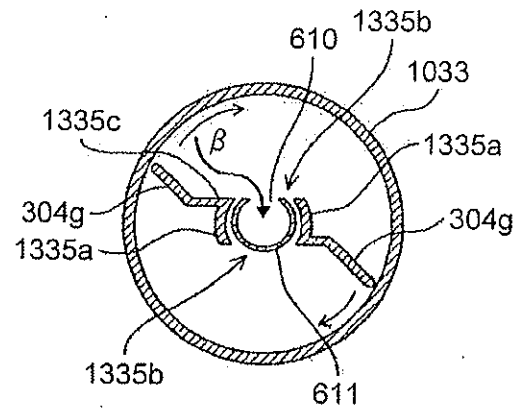


FIG.51C

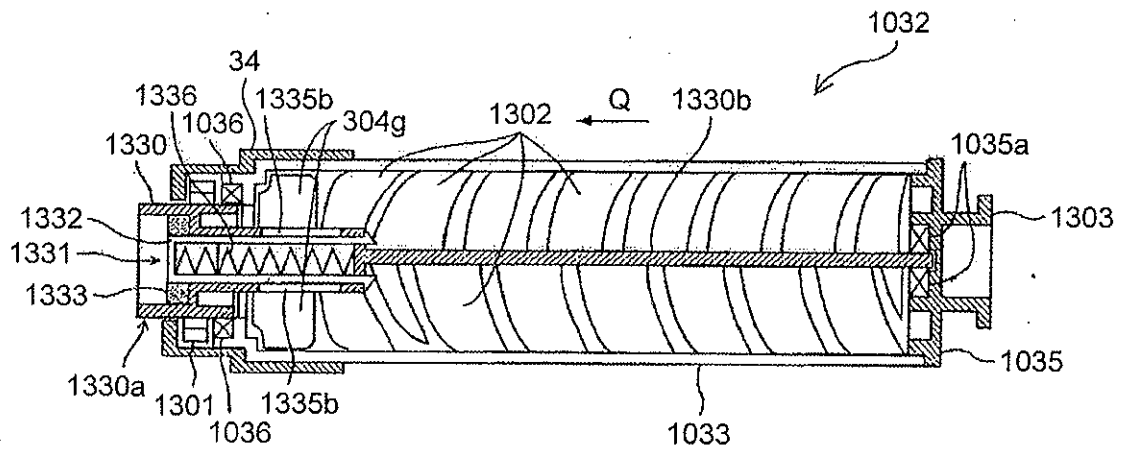


FIG.51D

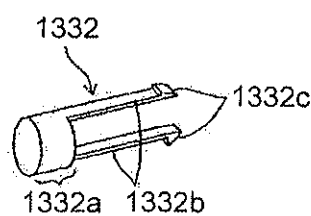
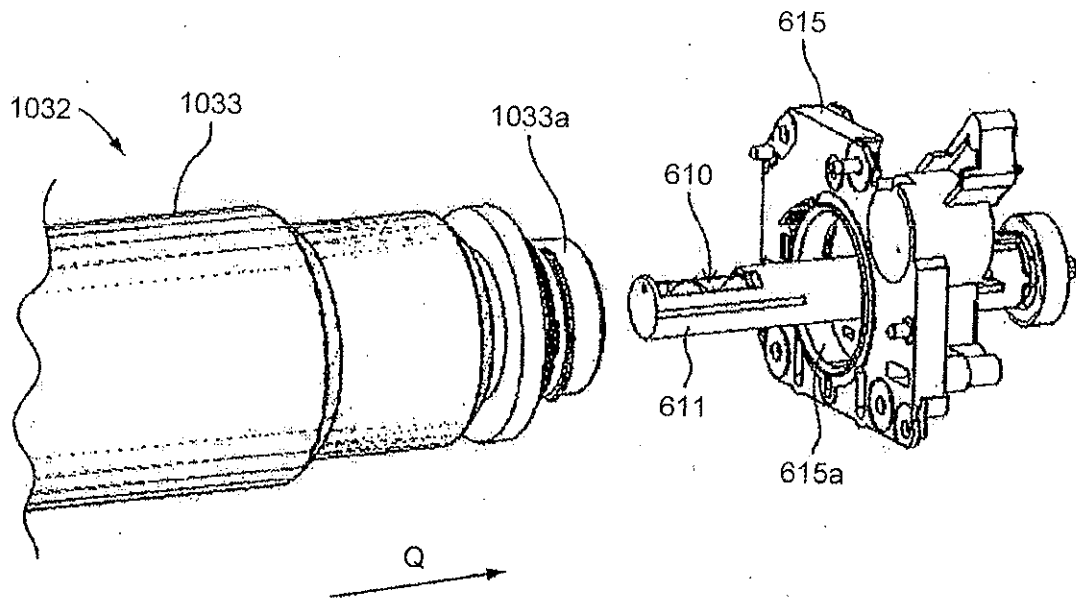


FIG.52



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FIG.53A

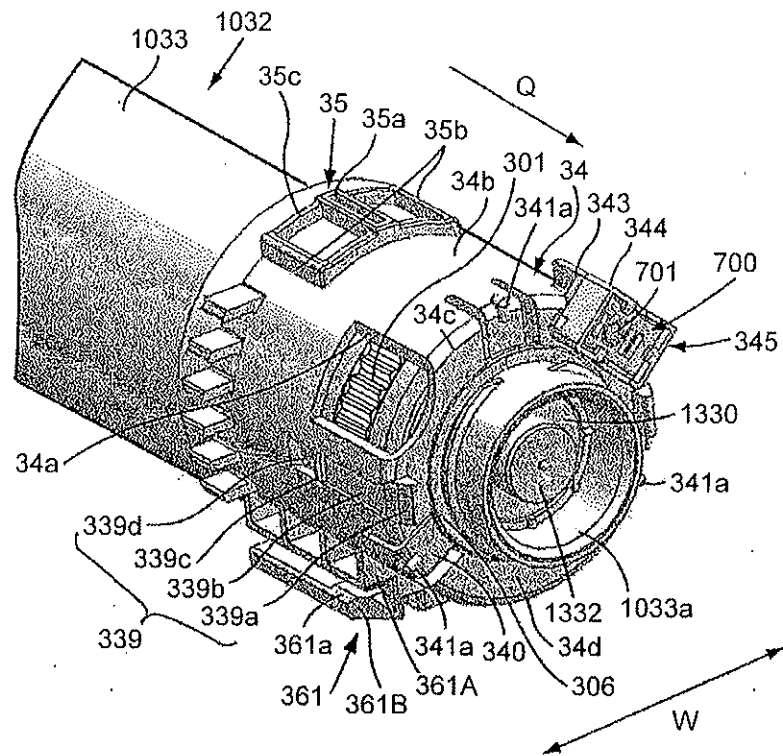


FIG.53B

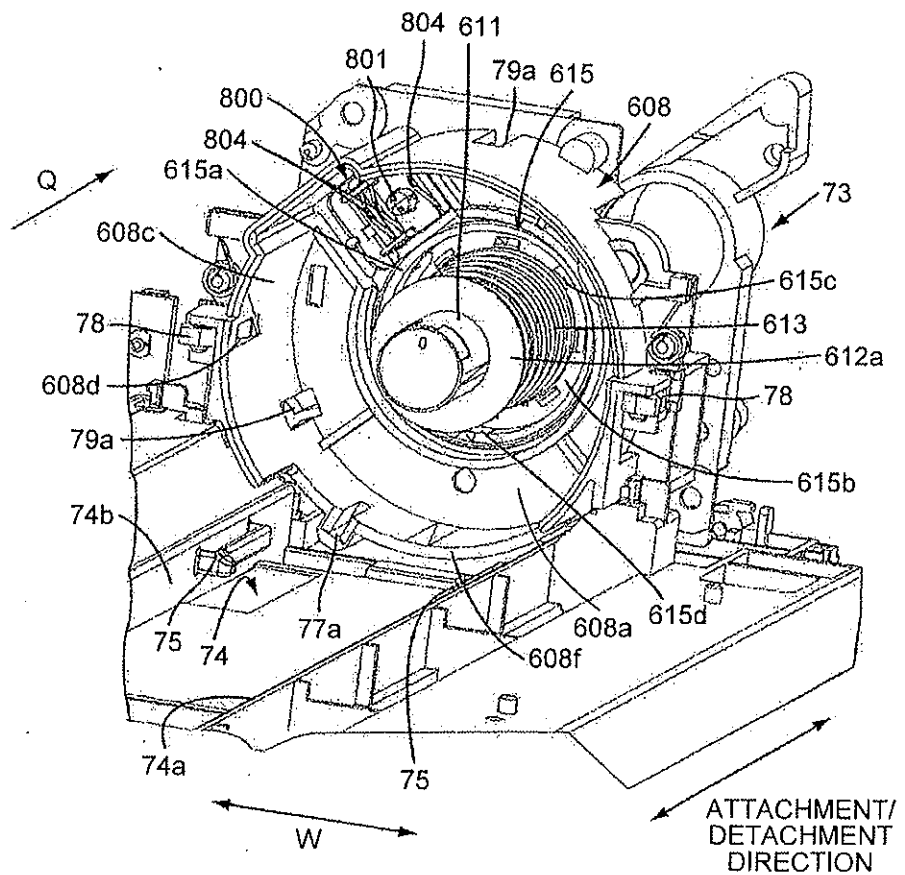


FIG.54

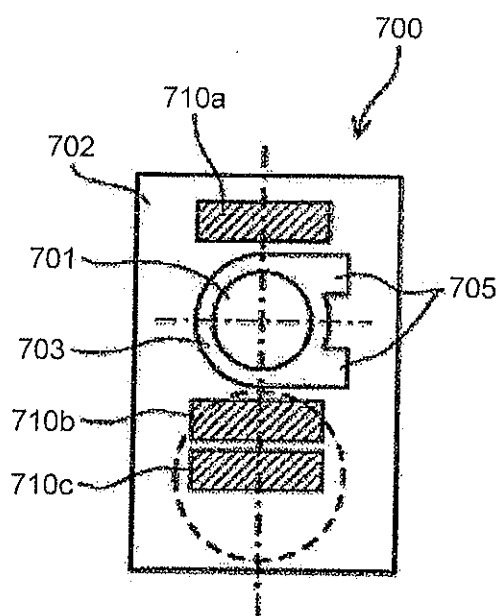
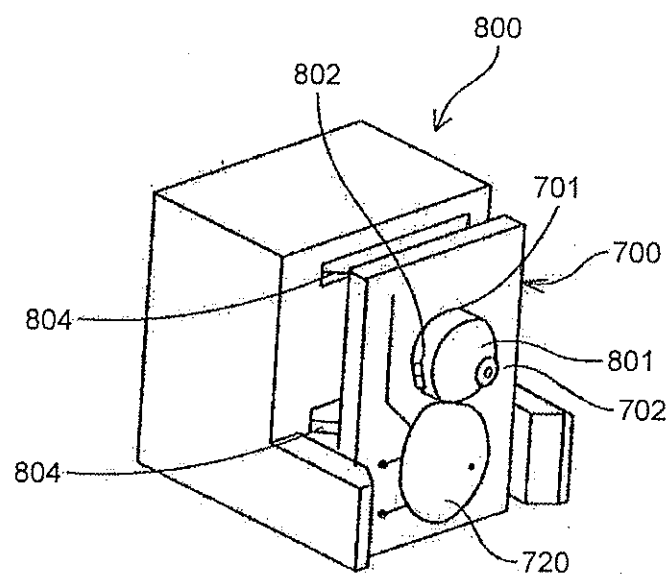
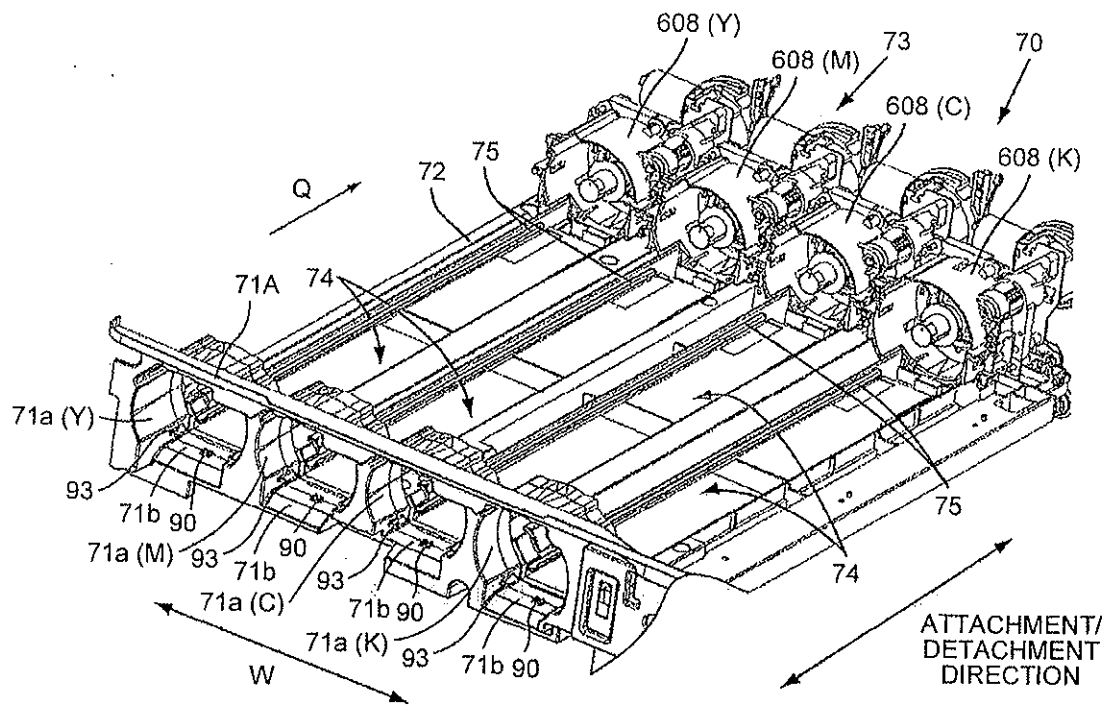


FIG.55





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FIG.58A

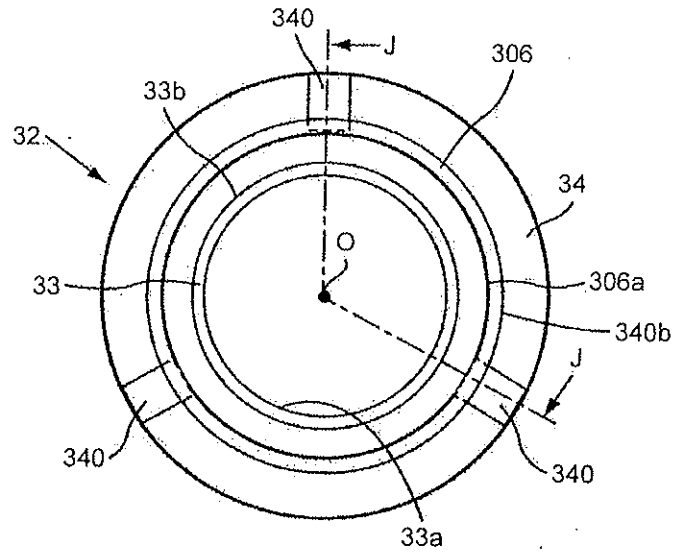


FIG.58B

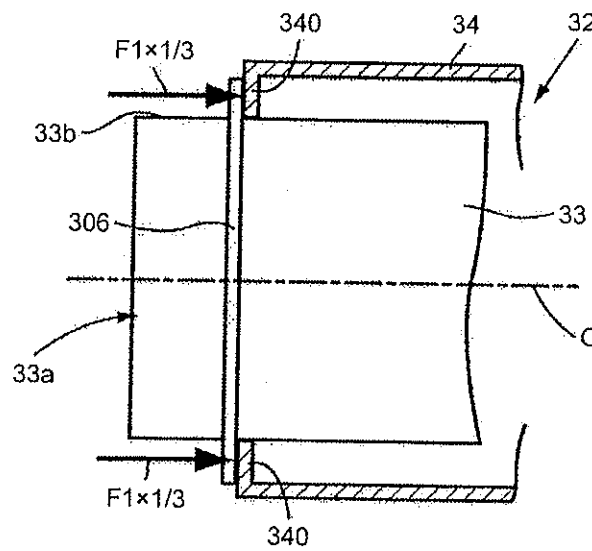


FIG.58C

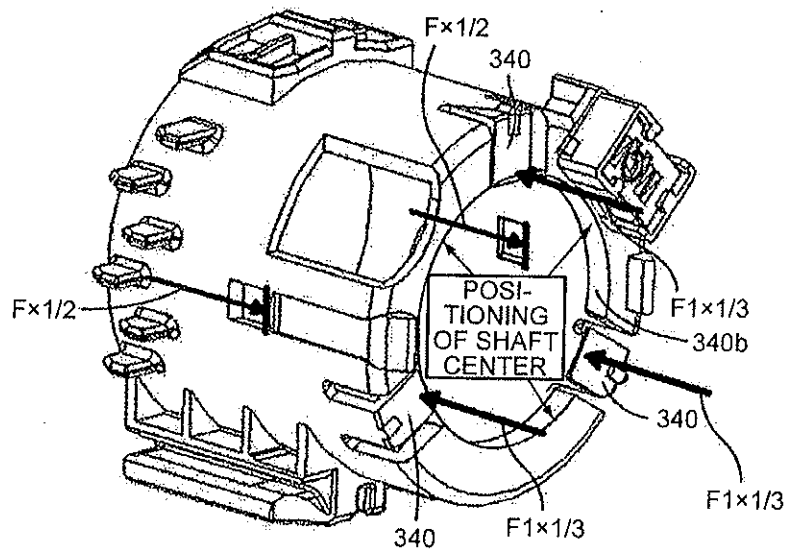
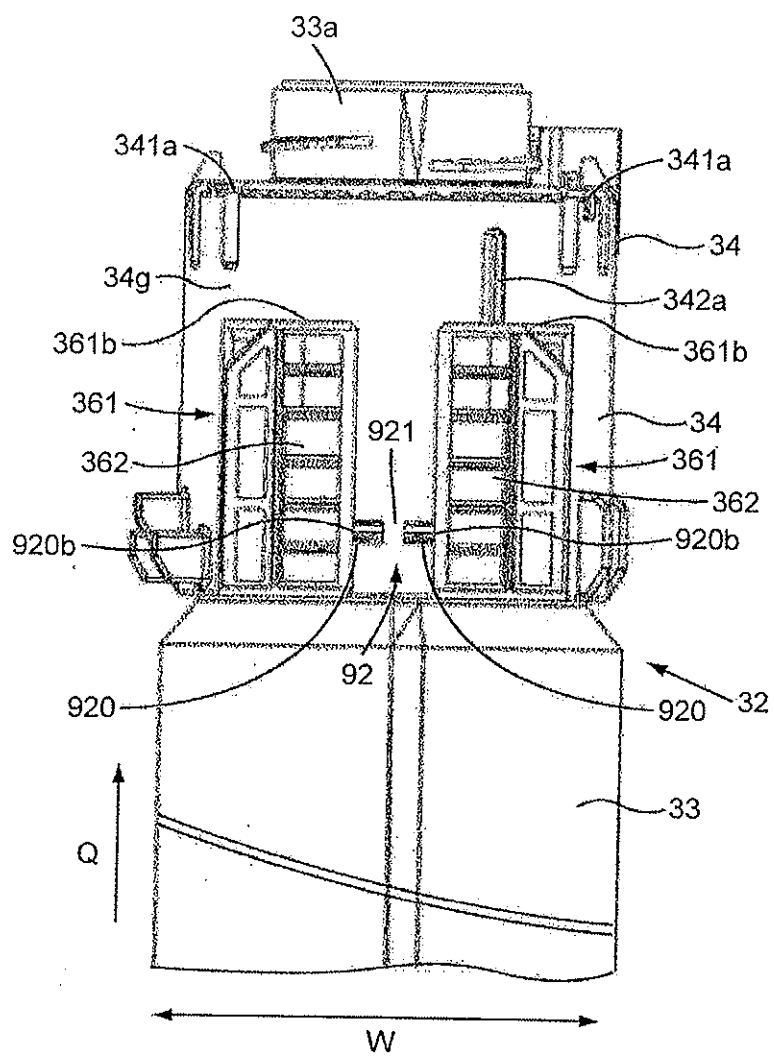
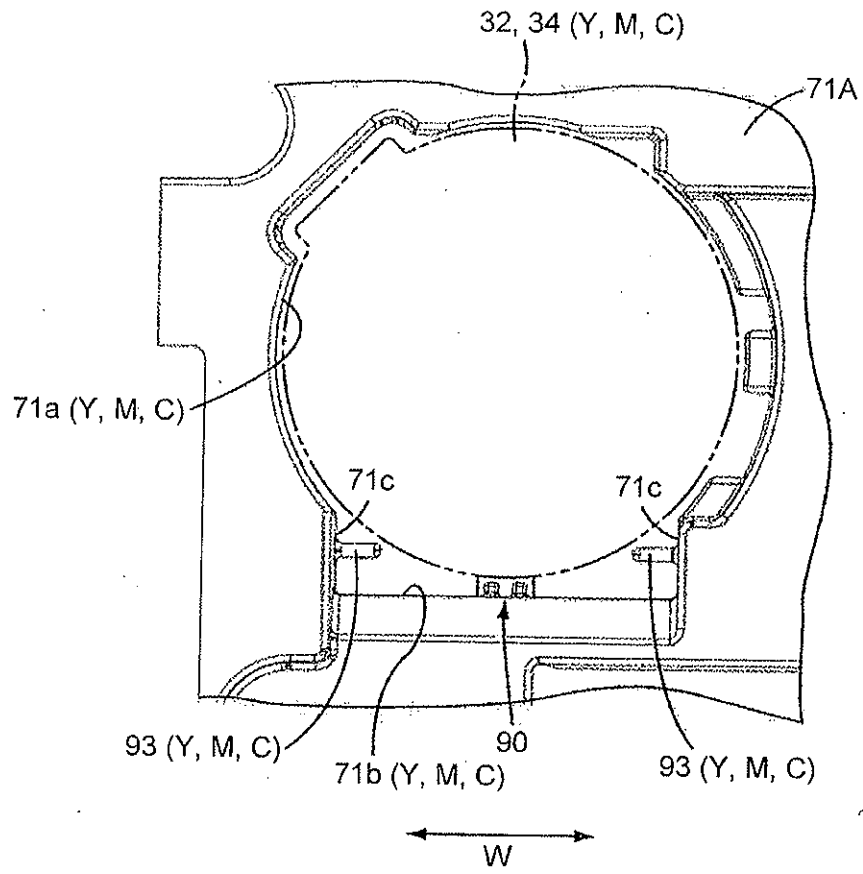


FIG.60



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FIG.62



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FIG.63

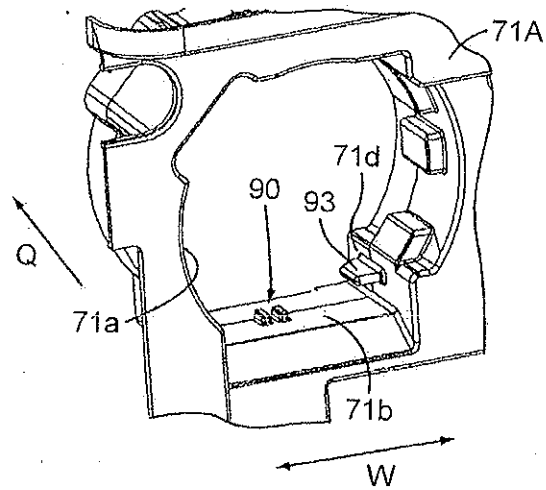
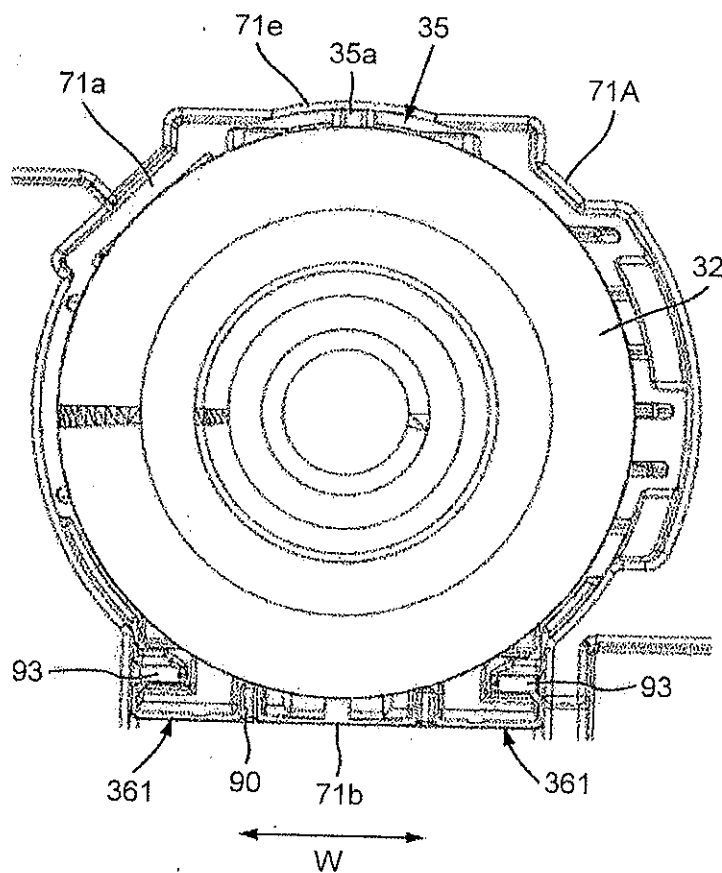


FIG.64



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FIG.65A

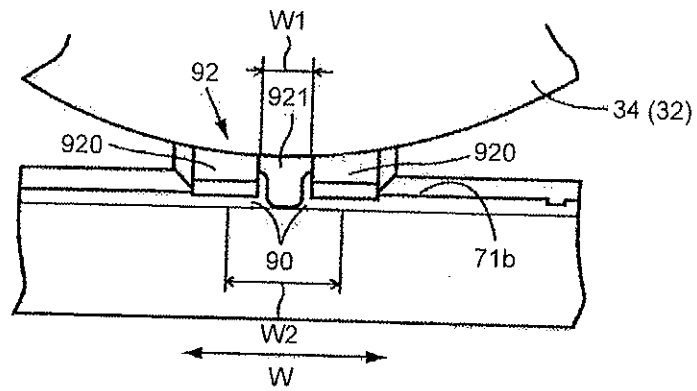


FIG.65B

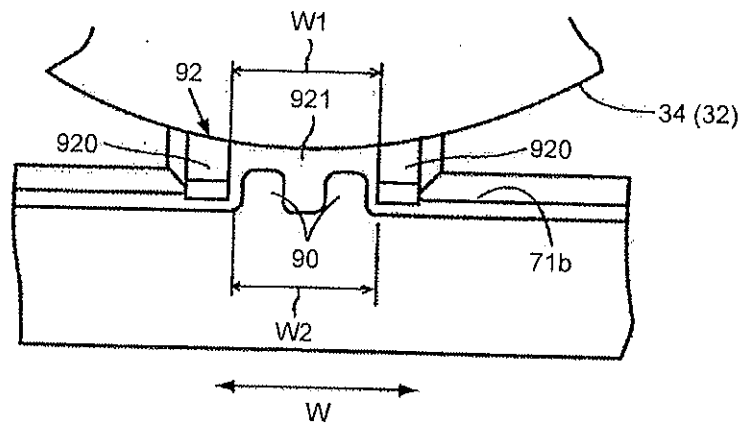


FIG.65C

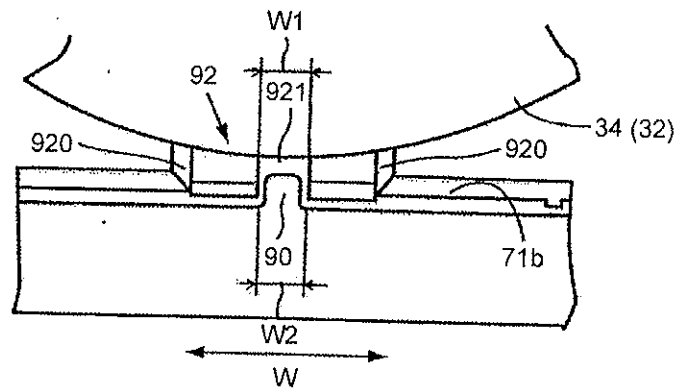
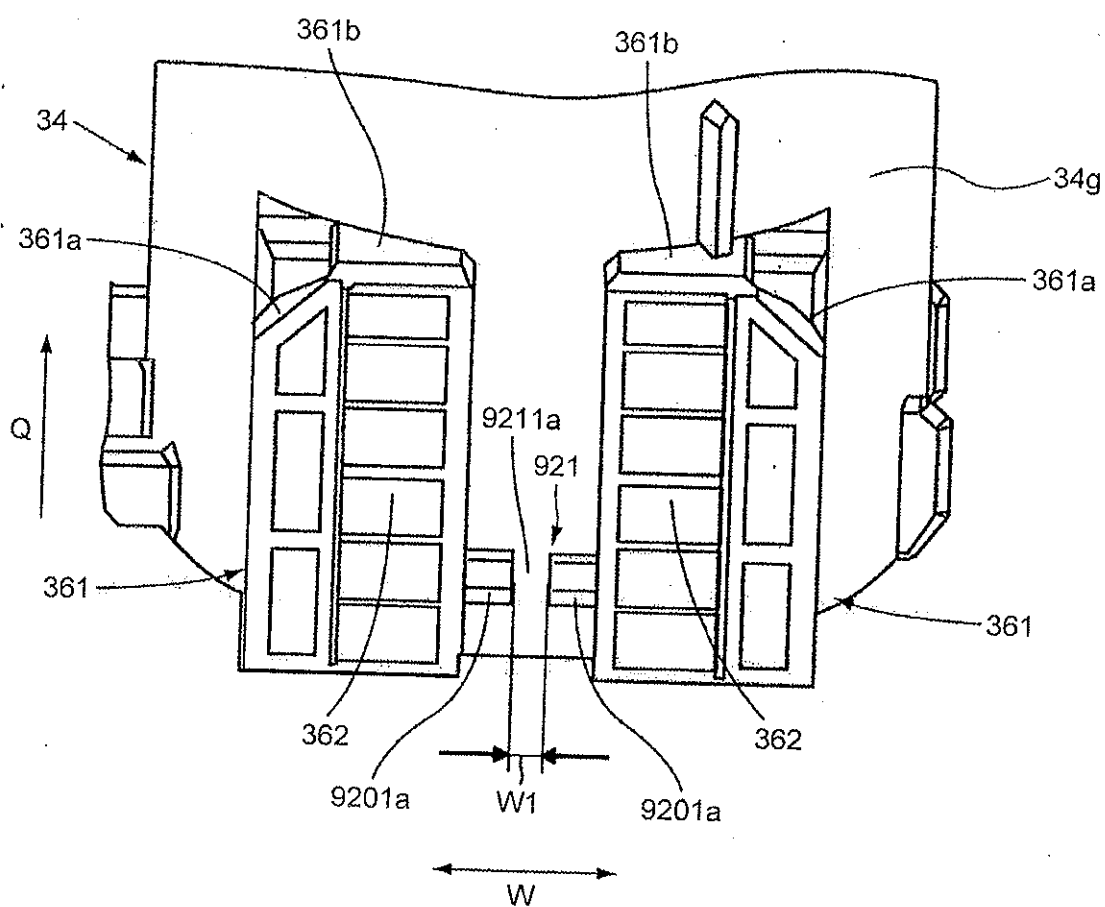


FIG.66

(EXAMPLE 1)



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FIG.67A

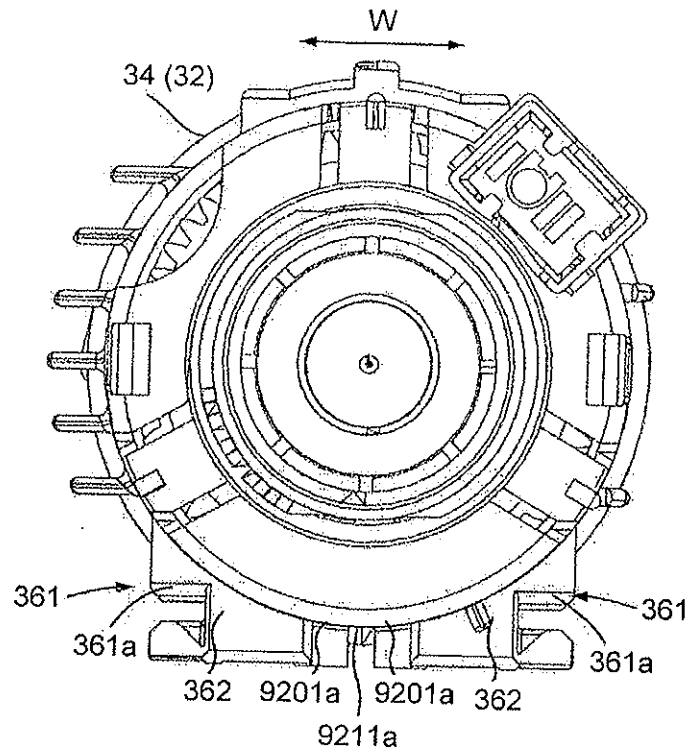


FIG.67B

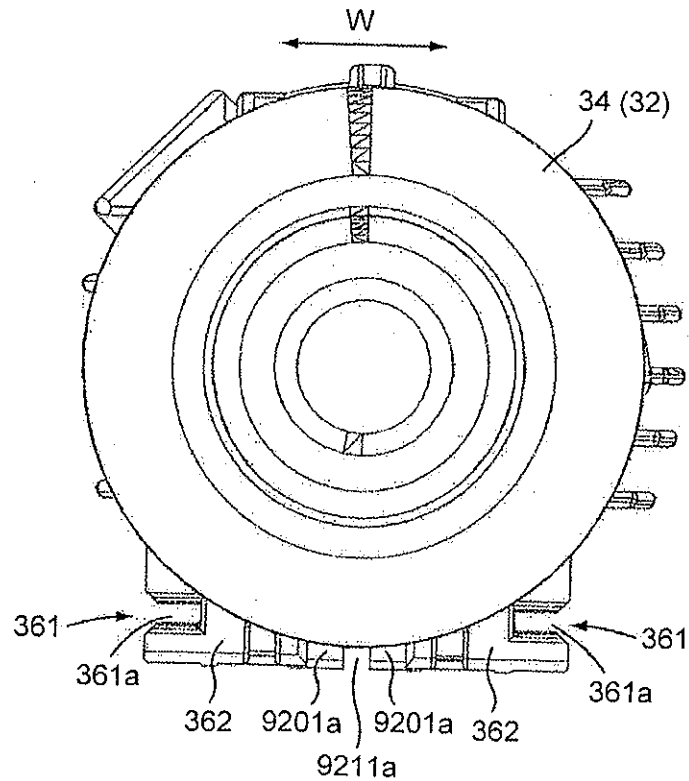
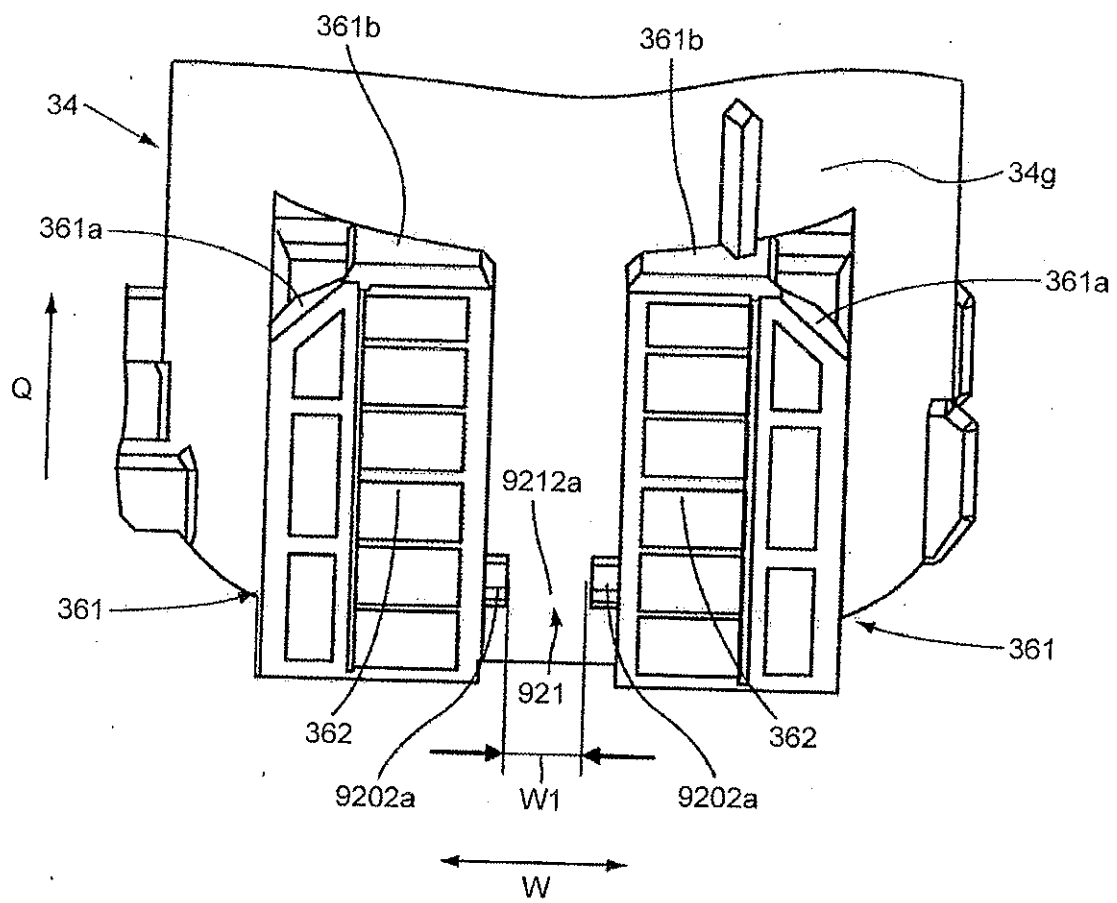


FIG.68

(EXAMPLE 2)



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FIG.69A

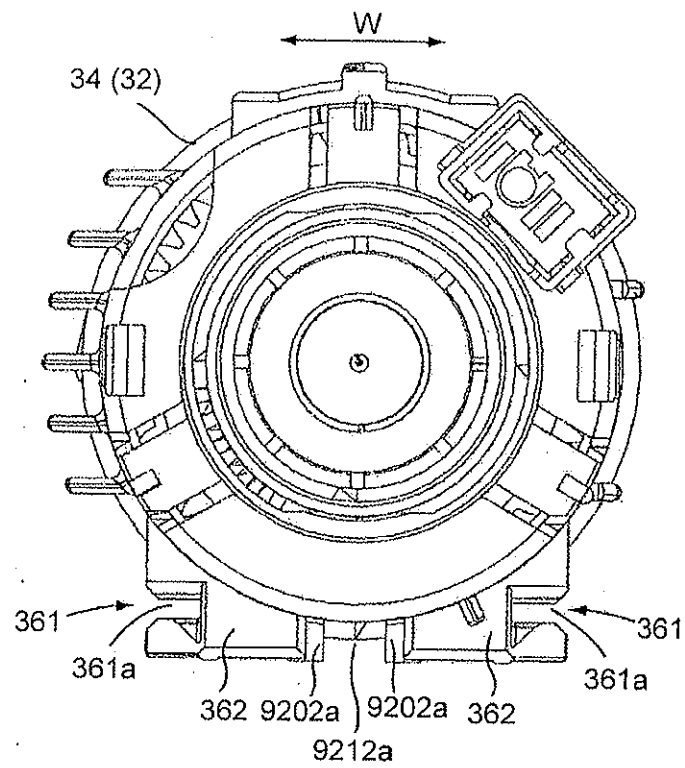


FIG.69B

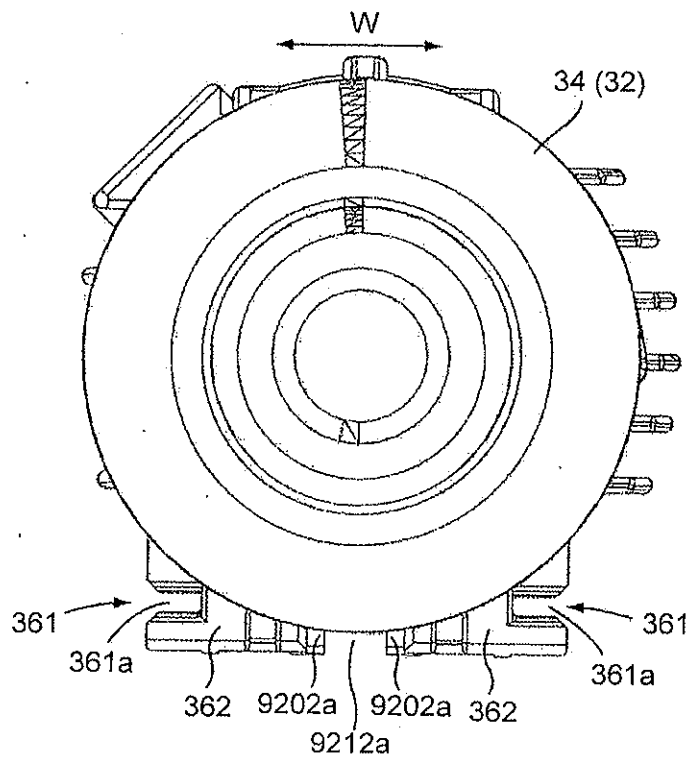
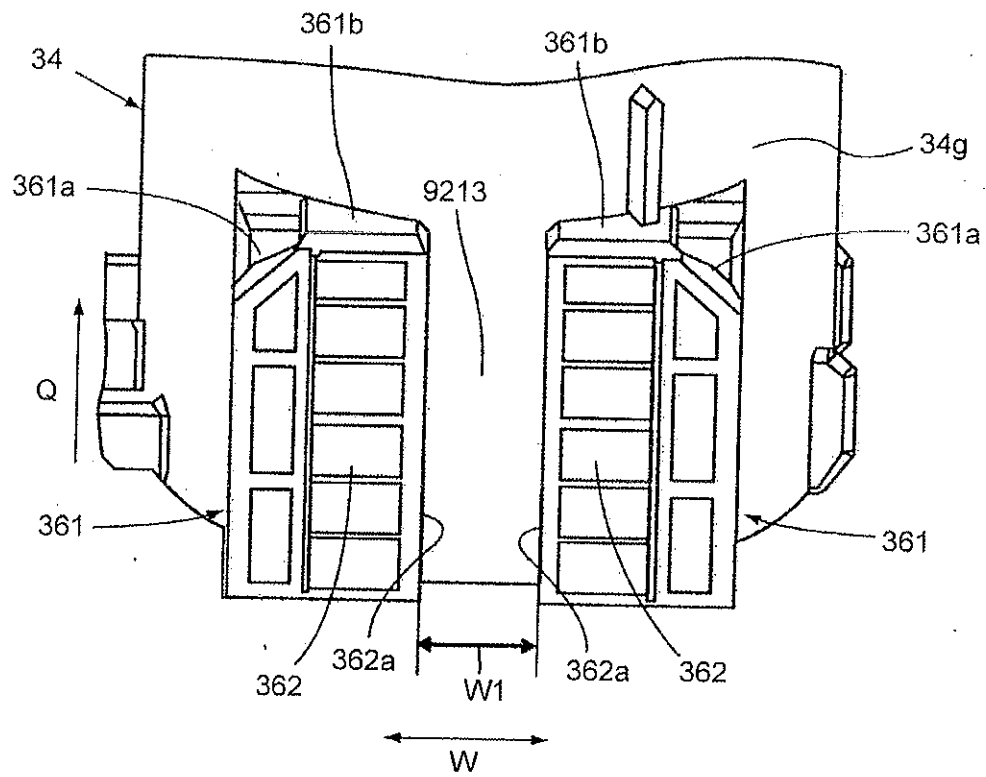


FIG.70

(EXAMPLE 3)



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FIG.71A

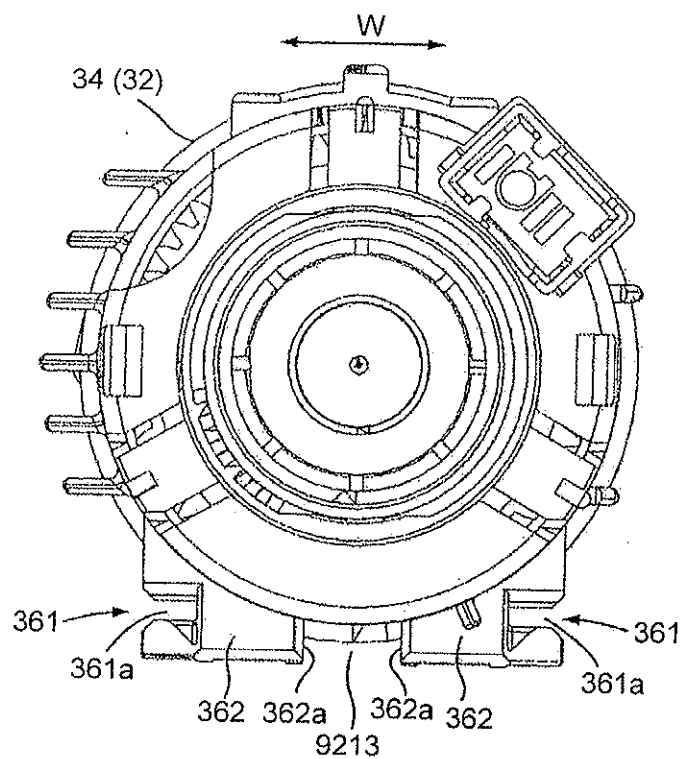


FIG.71B

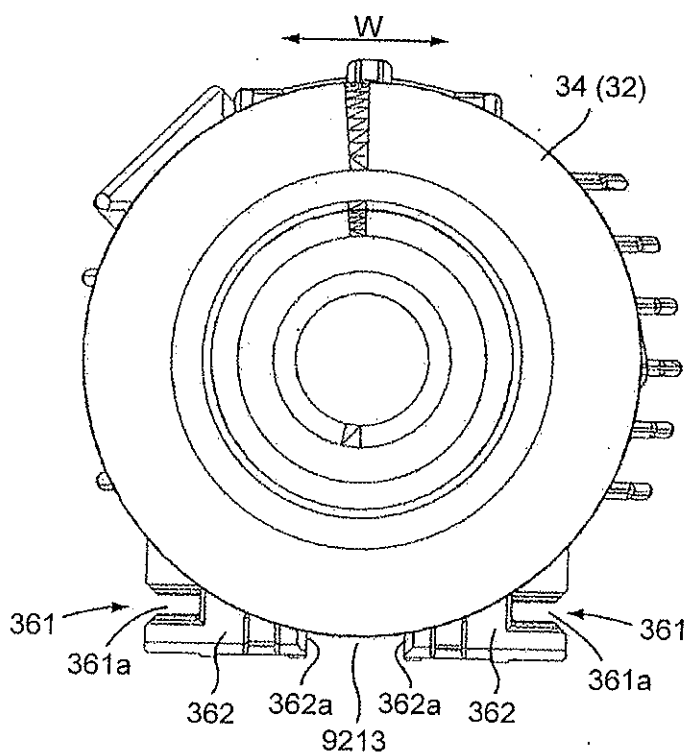
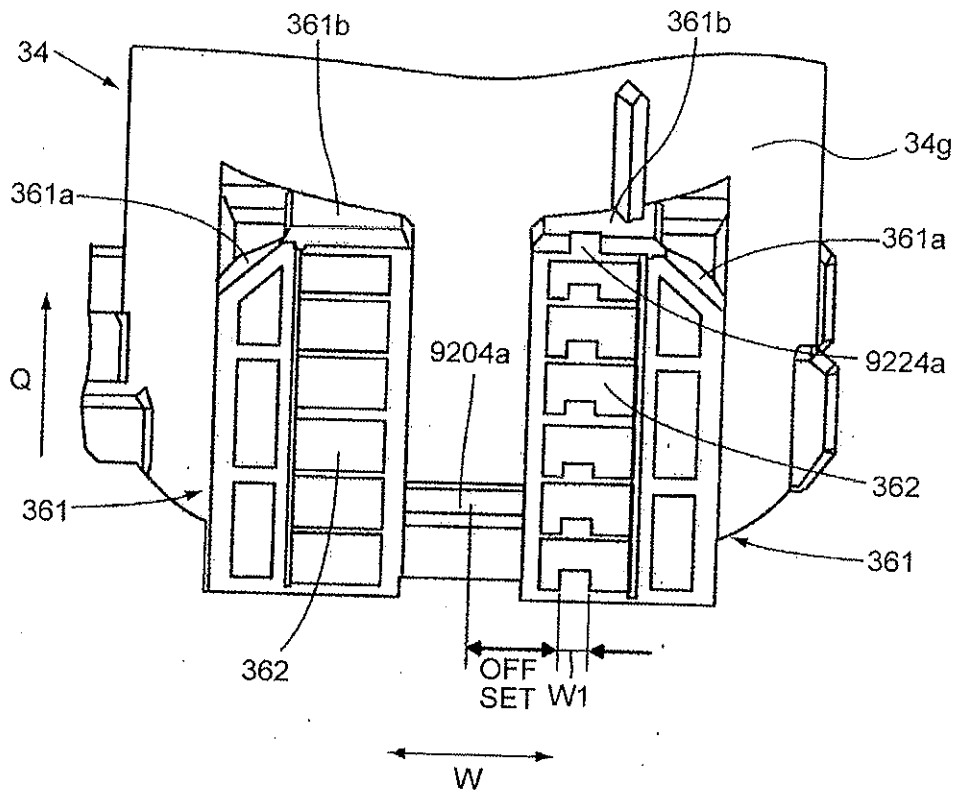


FIG.72

(EXAMPLE 4)



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FIG.73A

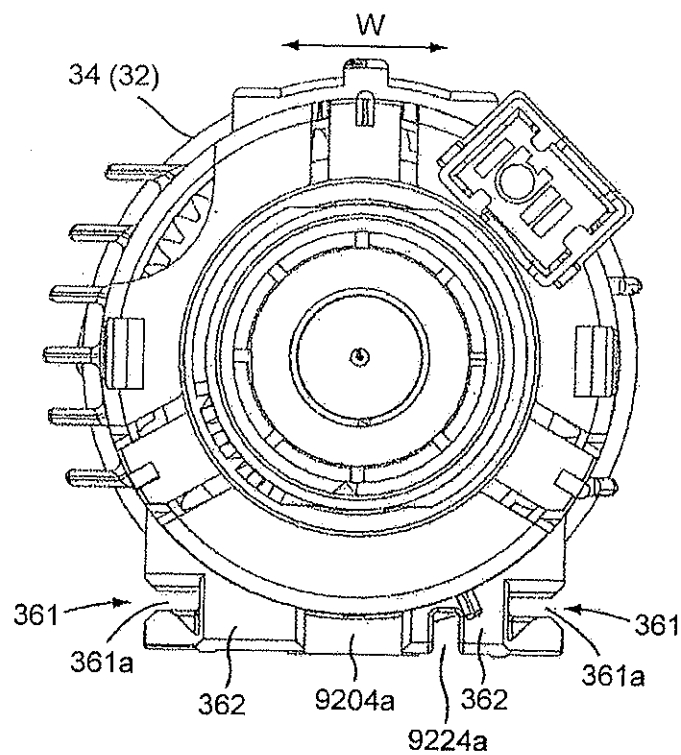
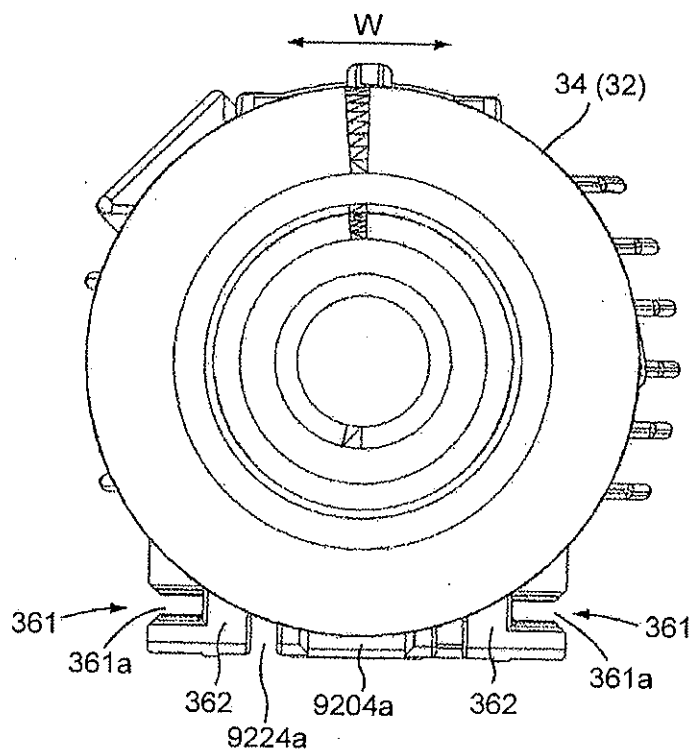


FIG.73B



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FIG.74A

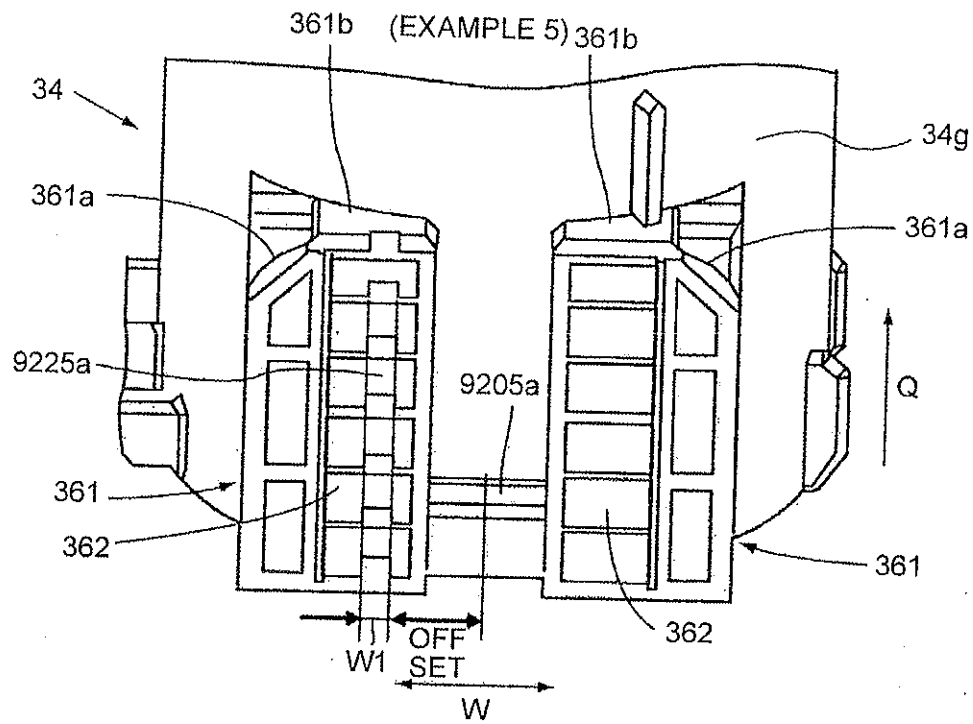
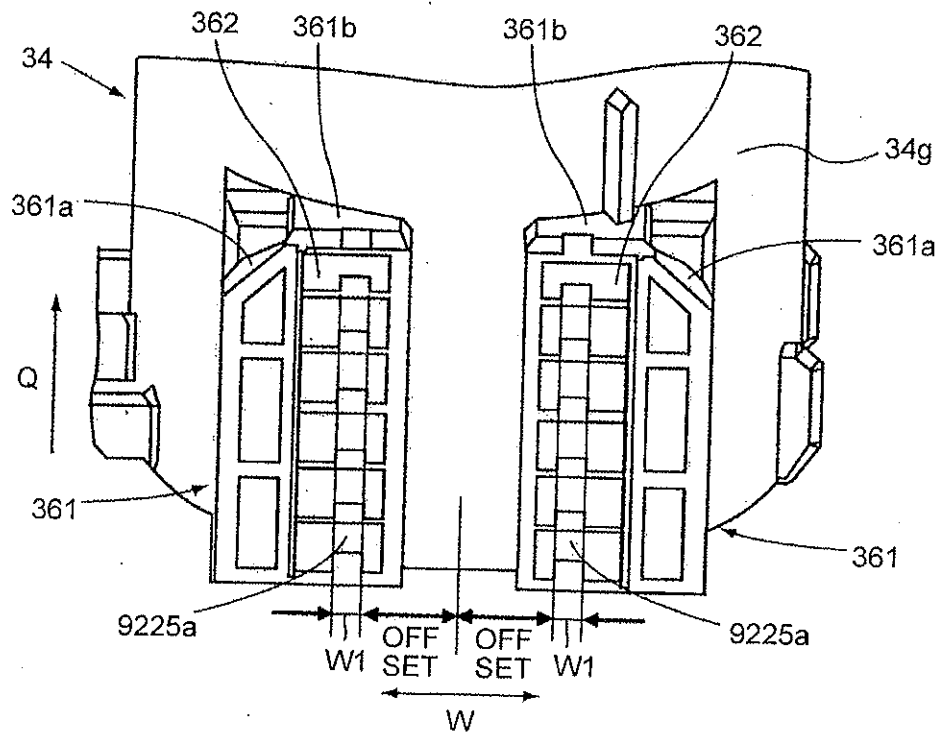


FIG.74B



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FIG.75A

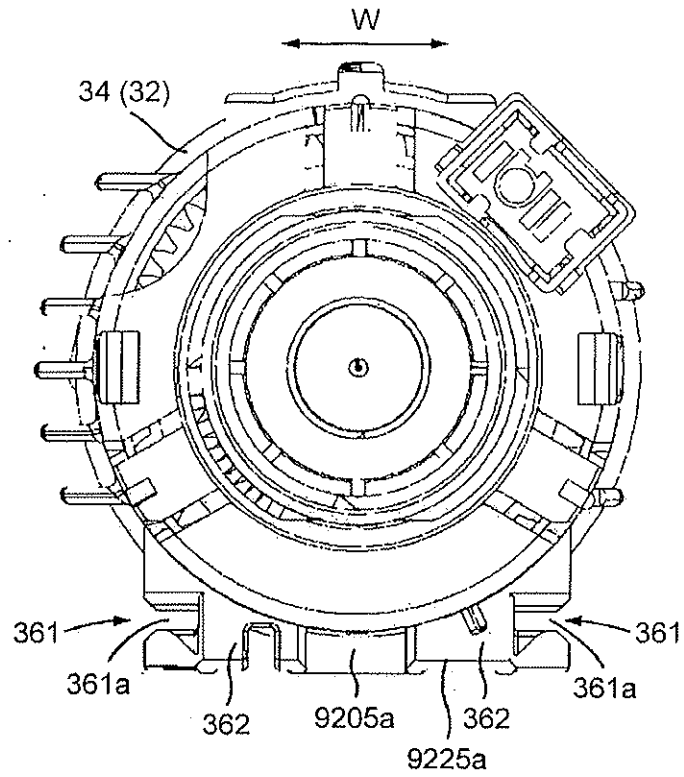


FIG.75B

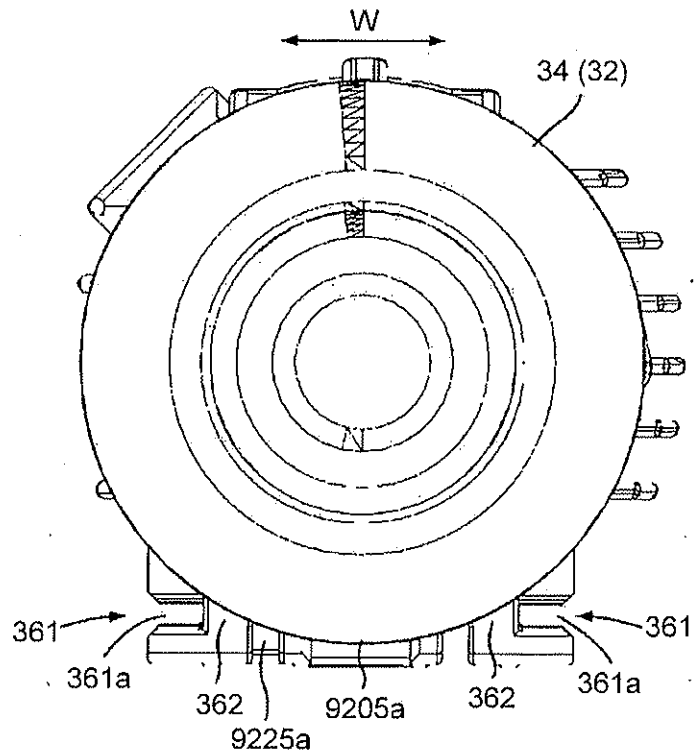


FIG.76

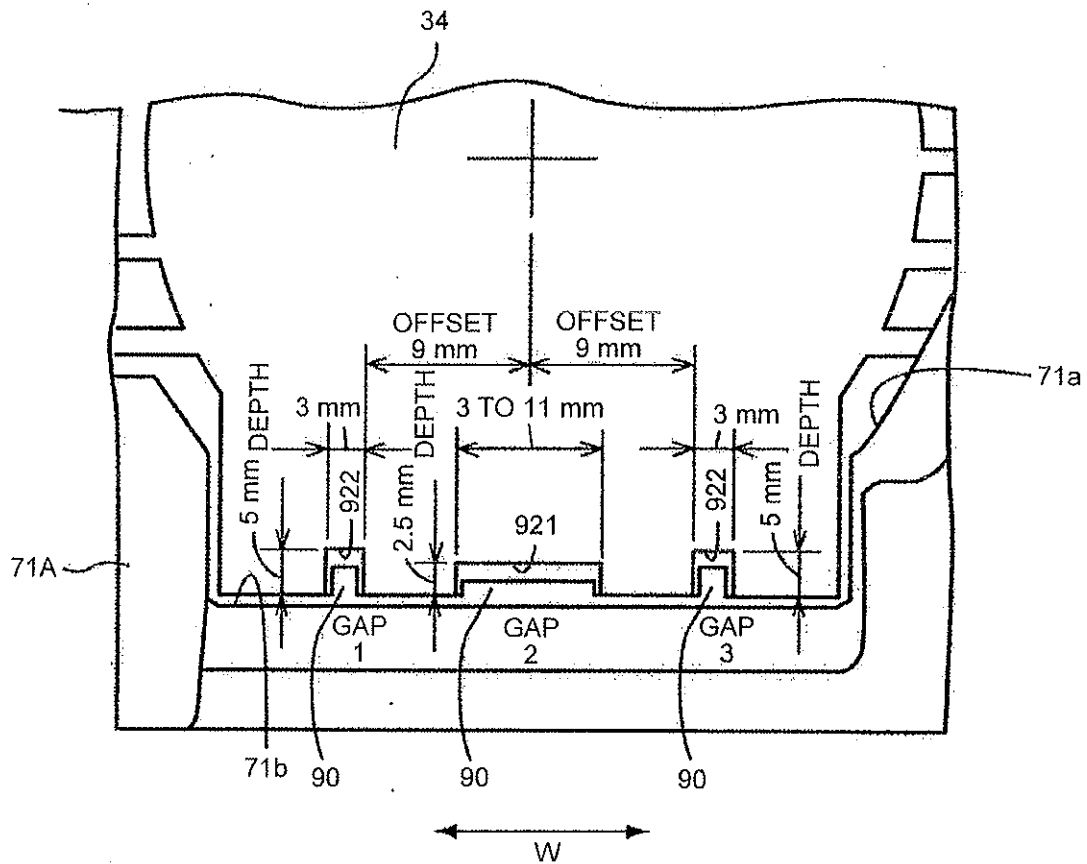


FIG.77

	GAP OF CARTRIDGE		
	GAP 1	GAP 2	GAP 3
EXAMPLE 1	ABSENT	3 mm	ABSENT
EXAMPLE 2	ABSENT	7 mm	ABSENT
EXAMPLE 3	ABSENT	11 mm	ABSENT
EXAMPLE 4	PRESENT	ABSENT	ABSENT
EXAMPLE 5	ABSENT	ABSENT	PRESENT

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FIG.78

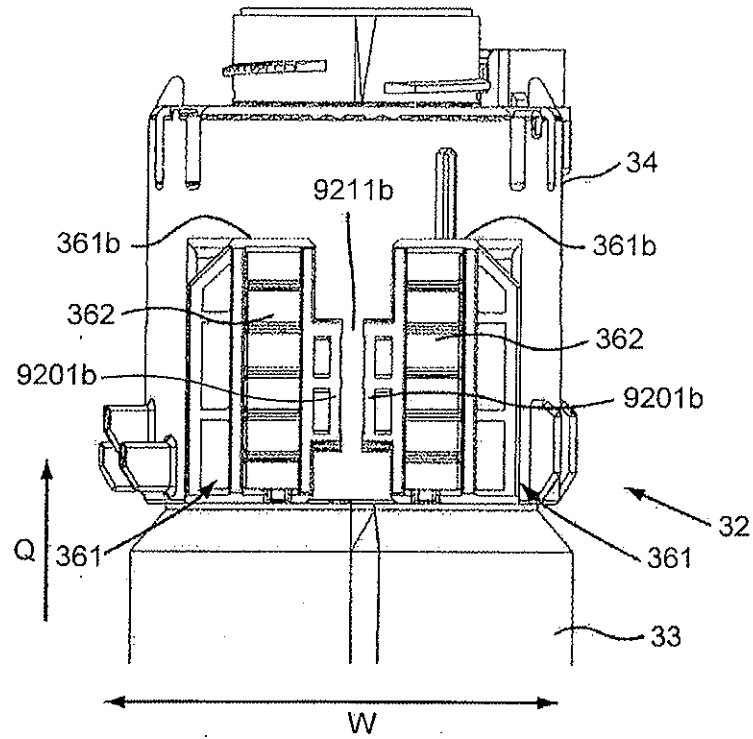
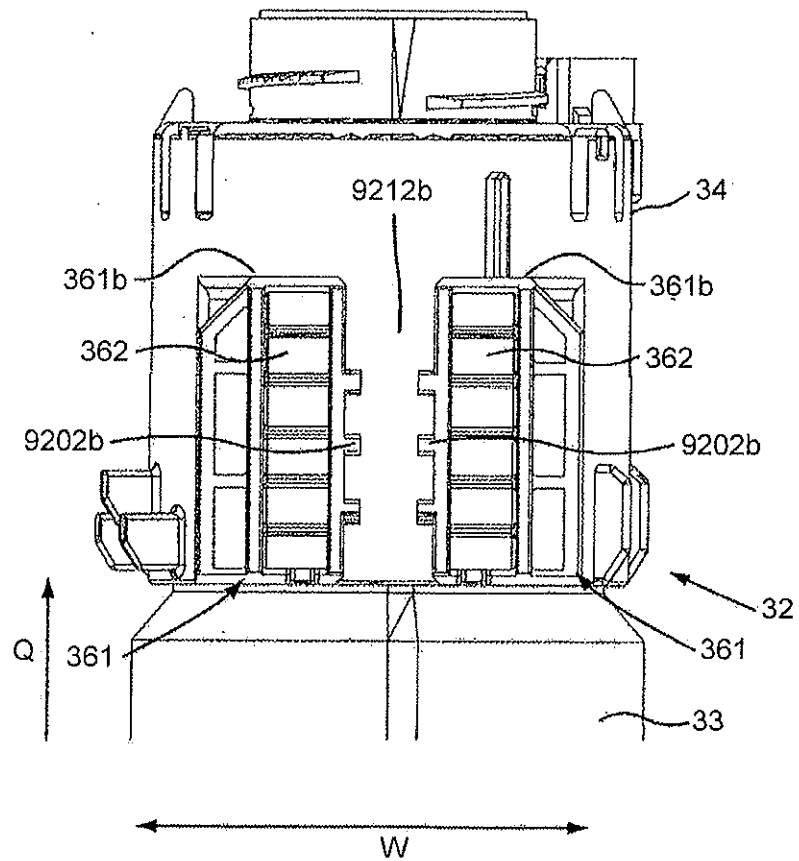


FIG.79



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FIG.80

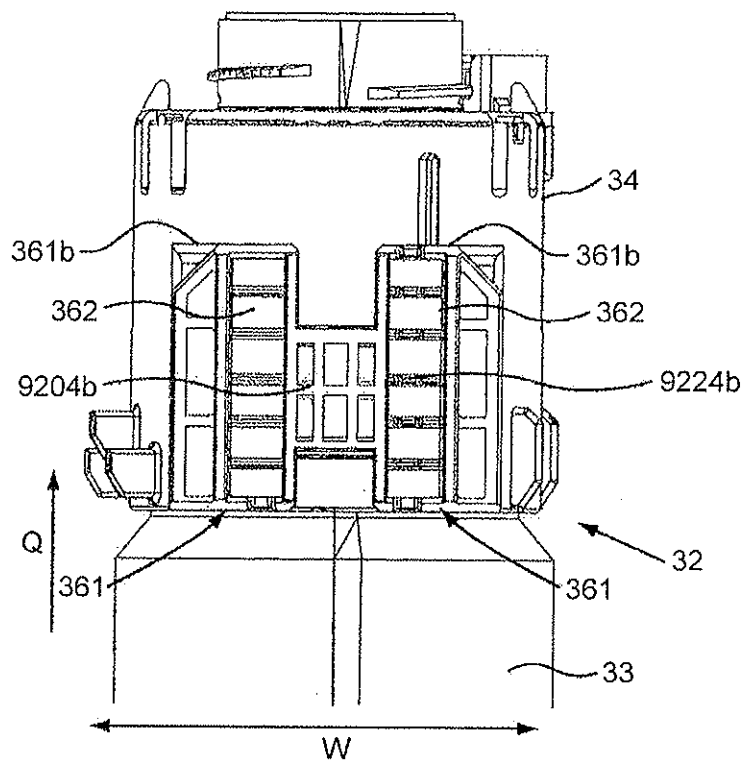
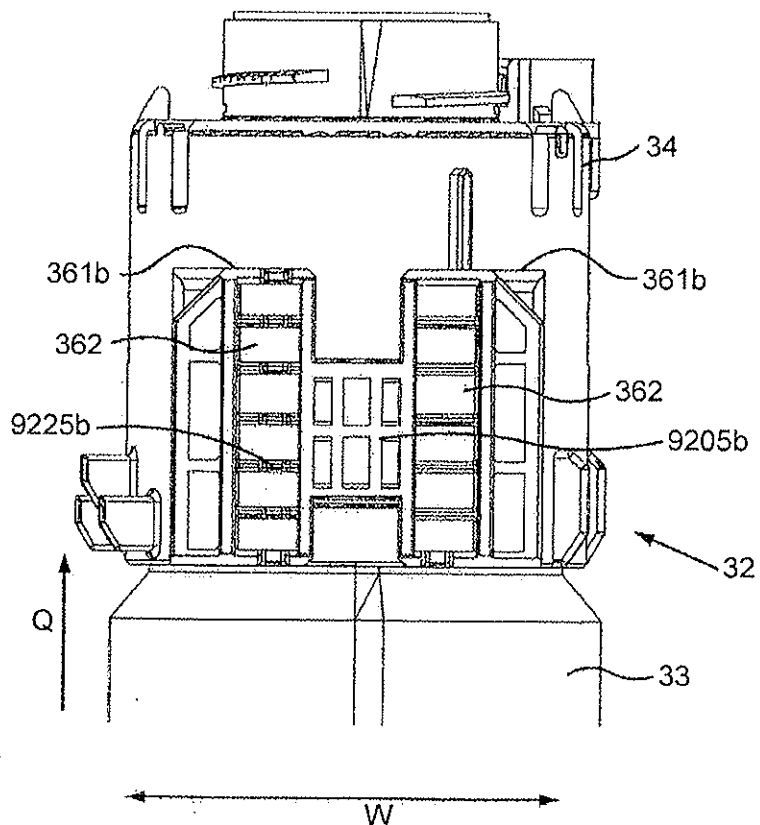


FIG.81



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FIG.82A

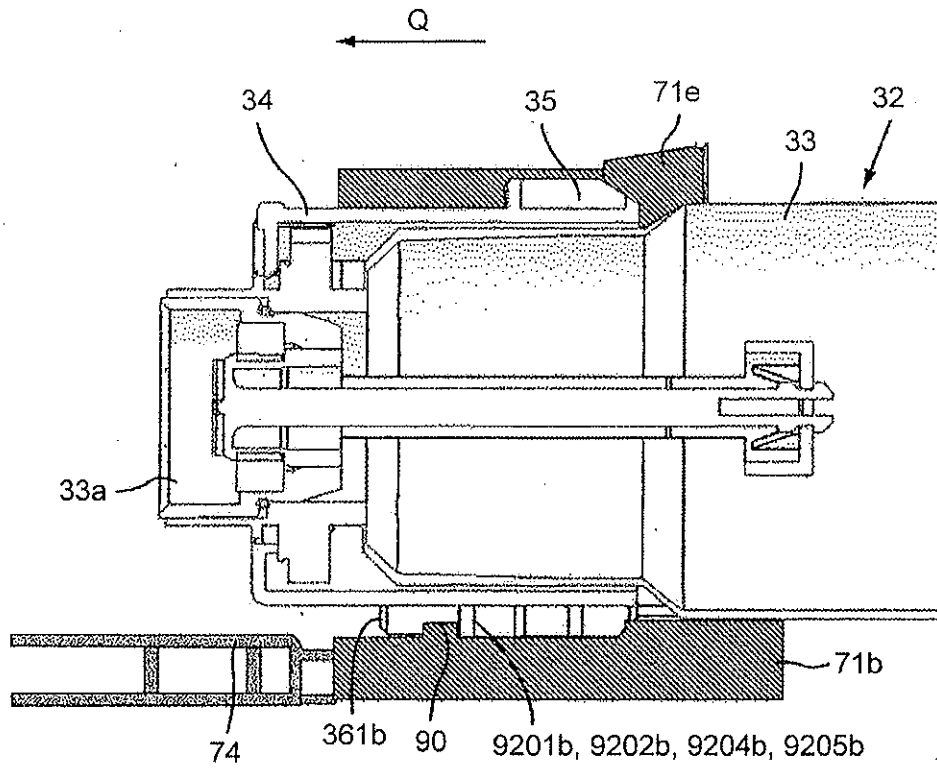


FIG.82B

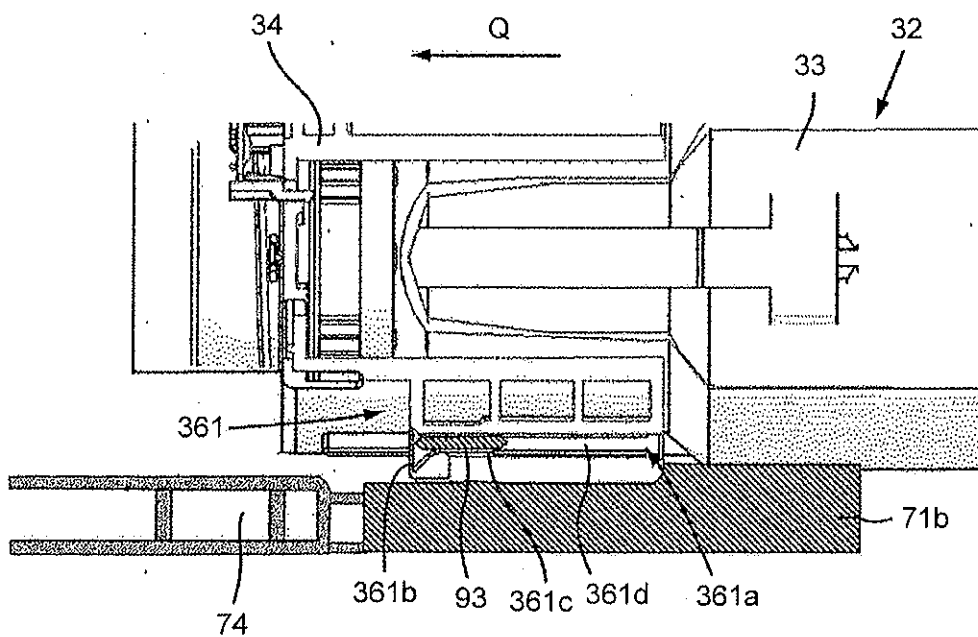


FIG.83

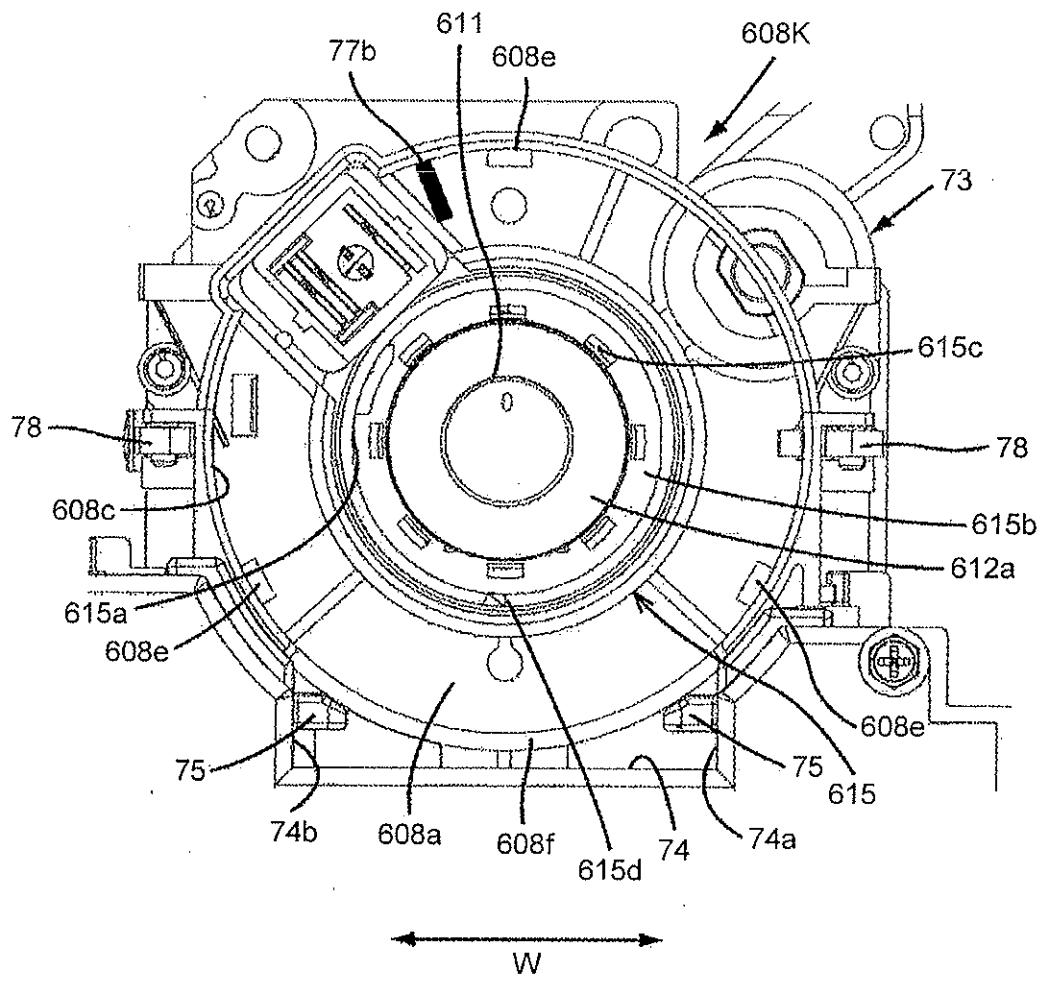
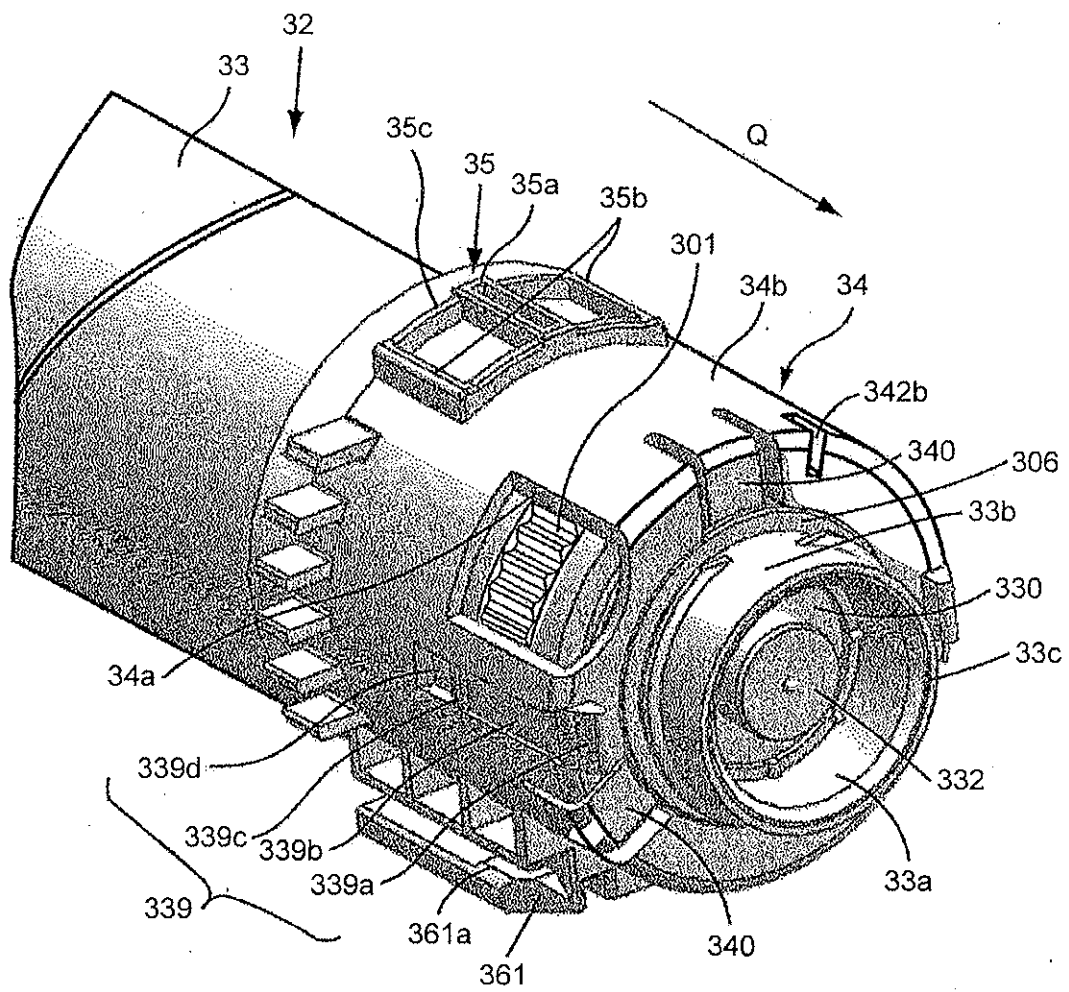


FIG.84



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FIG.85A

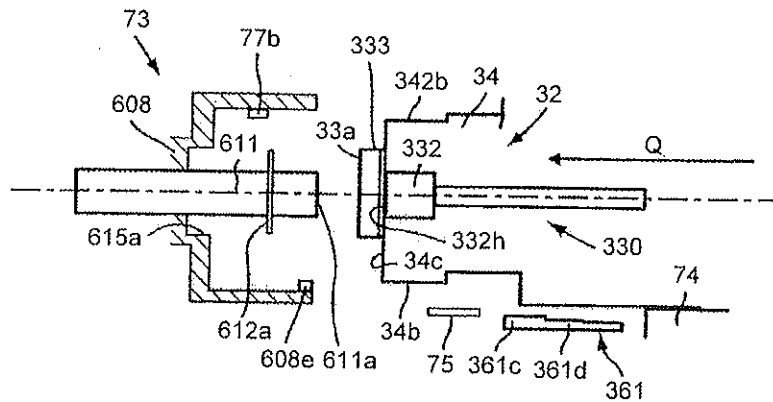


FIG.85B

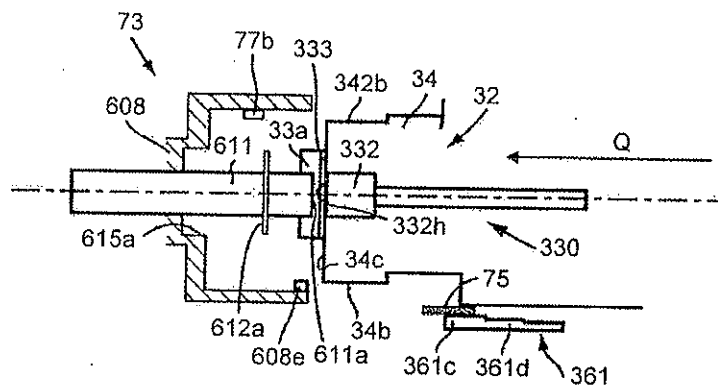


FIG.85C

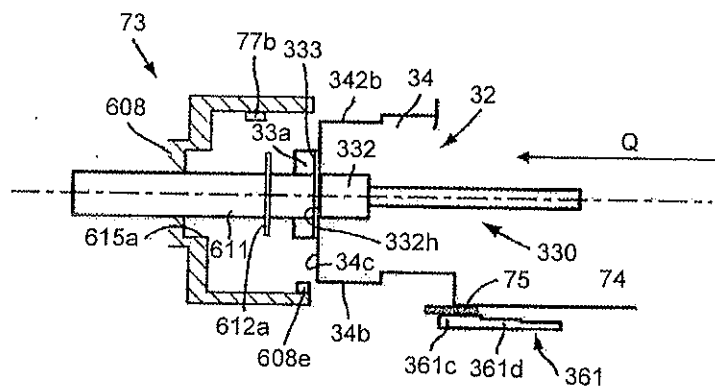
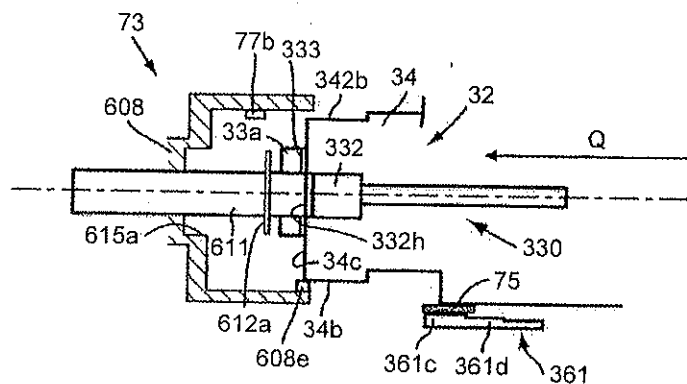


FIG.85D



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FIG.86A

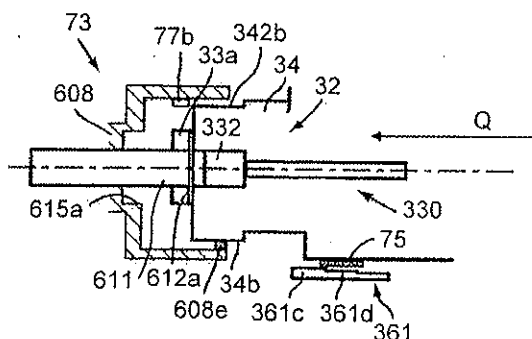


FIG.86B

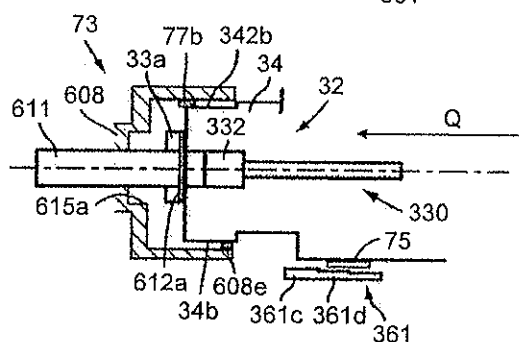


FIG.86C

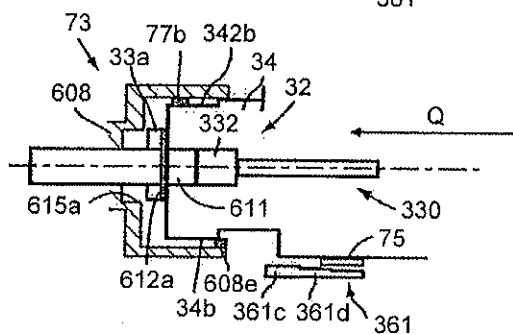


FIG.86D

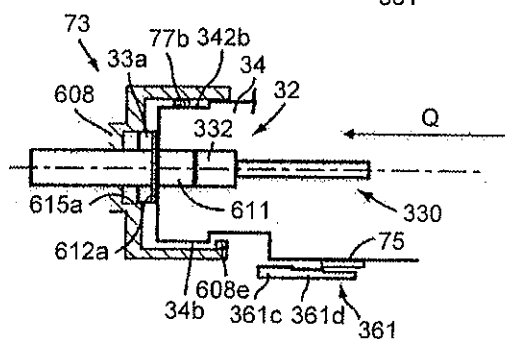
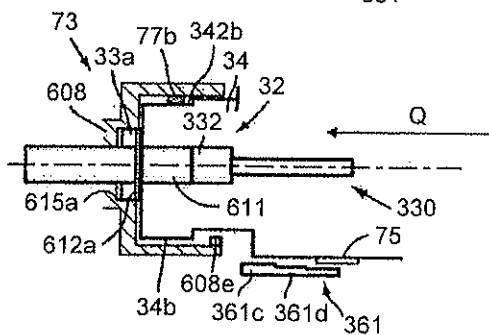


FIG.86E



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FIG.87A

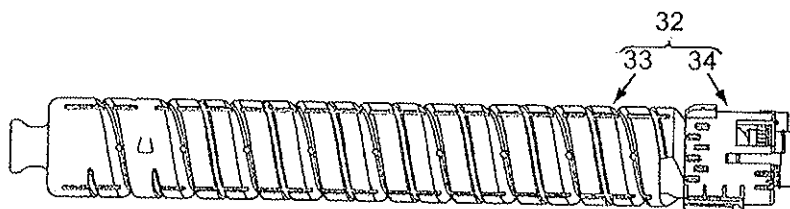


FIG.87B

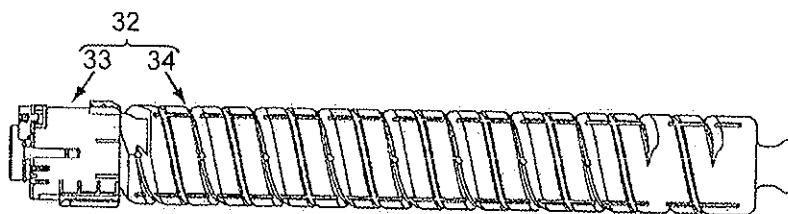


FIG.87C



FIG.87D

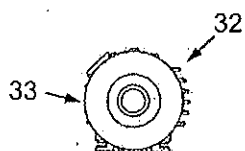


FIG.87E

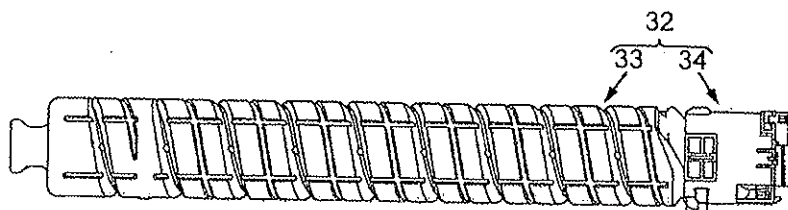
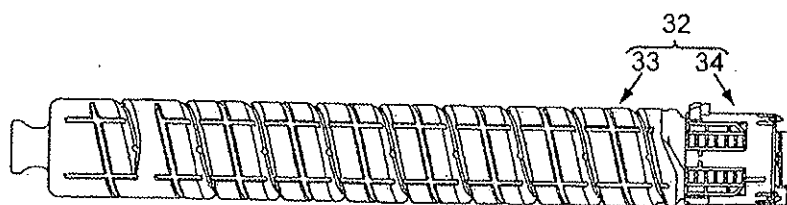


FIG.87F



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FIG.88A

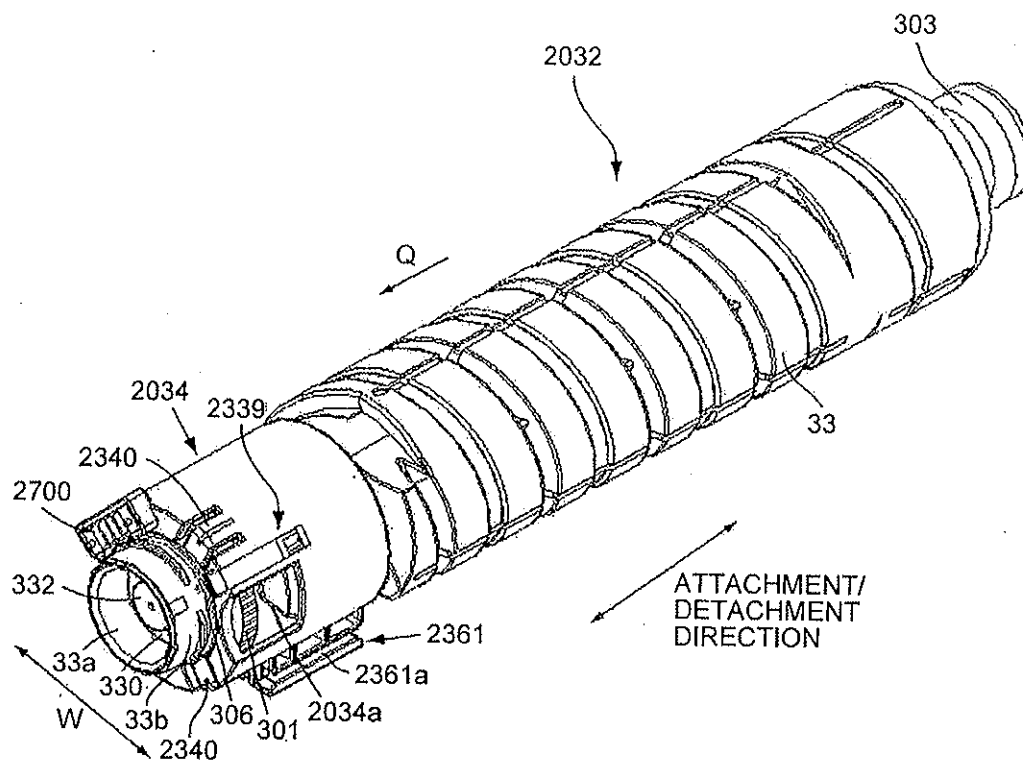
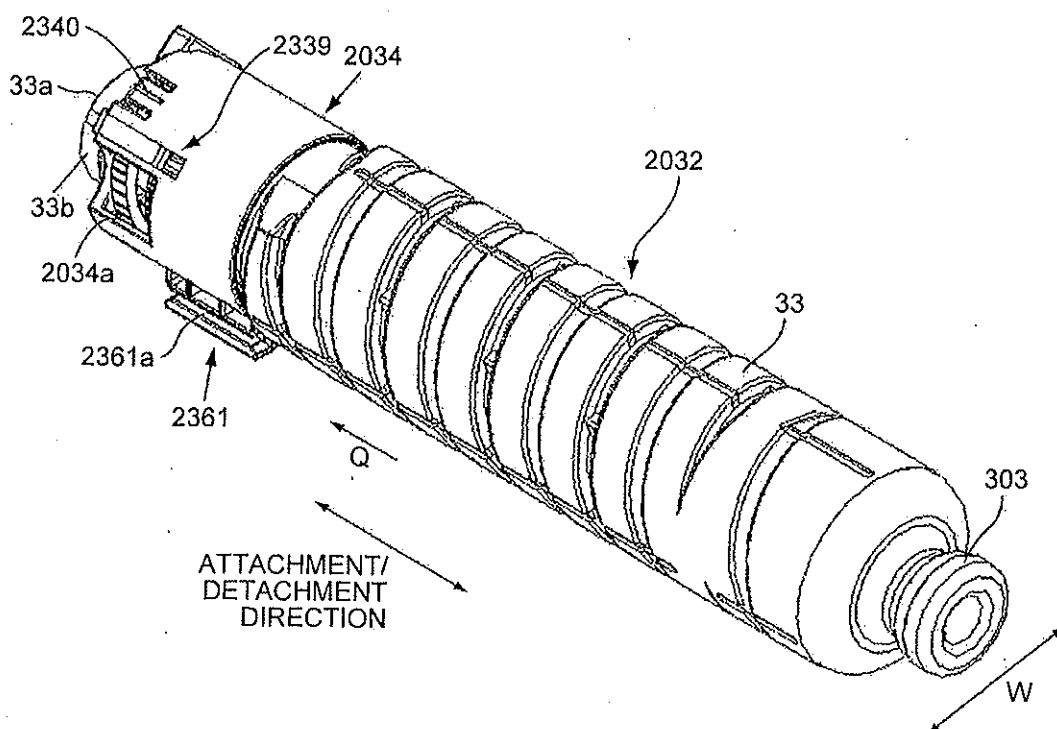
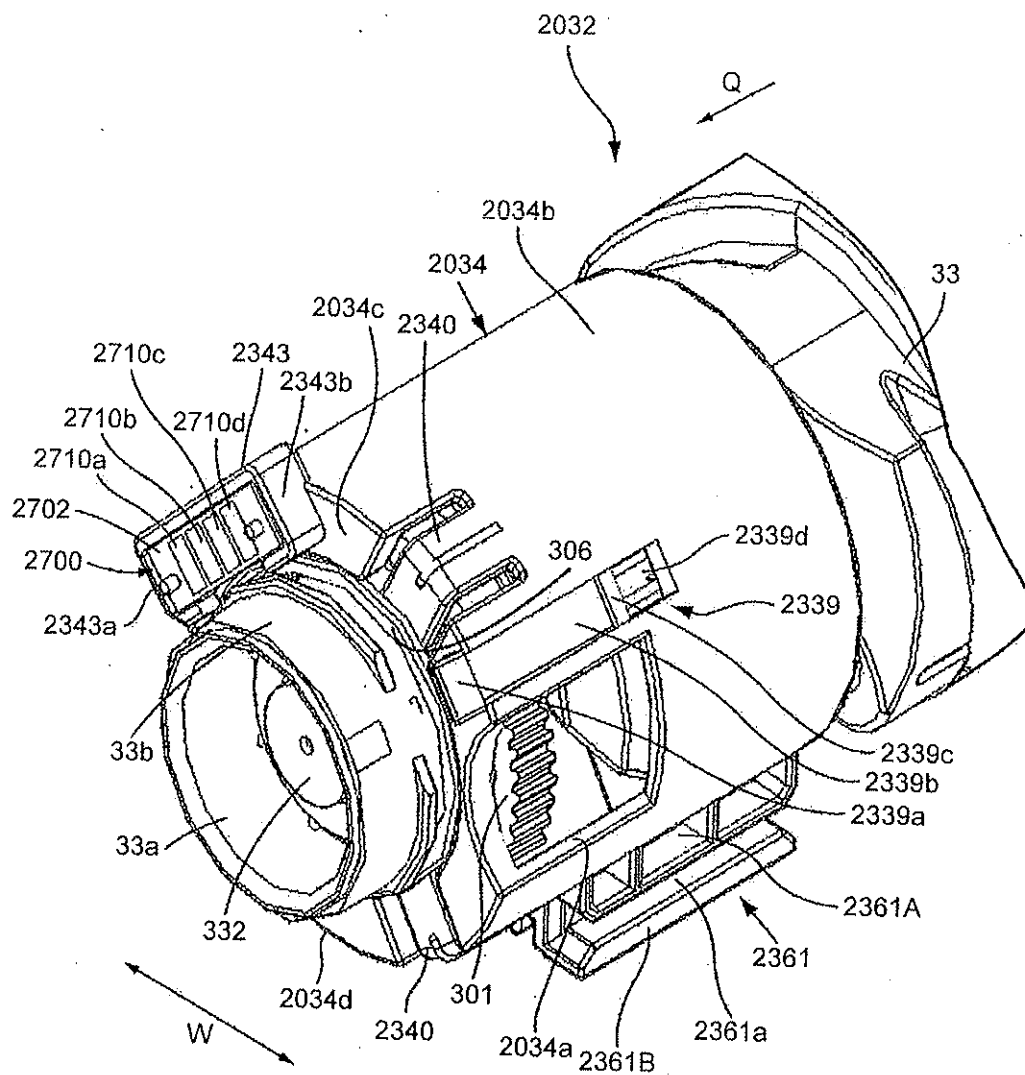


FIG.88B



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FIG.89



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FIG.90

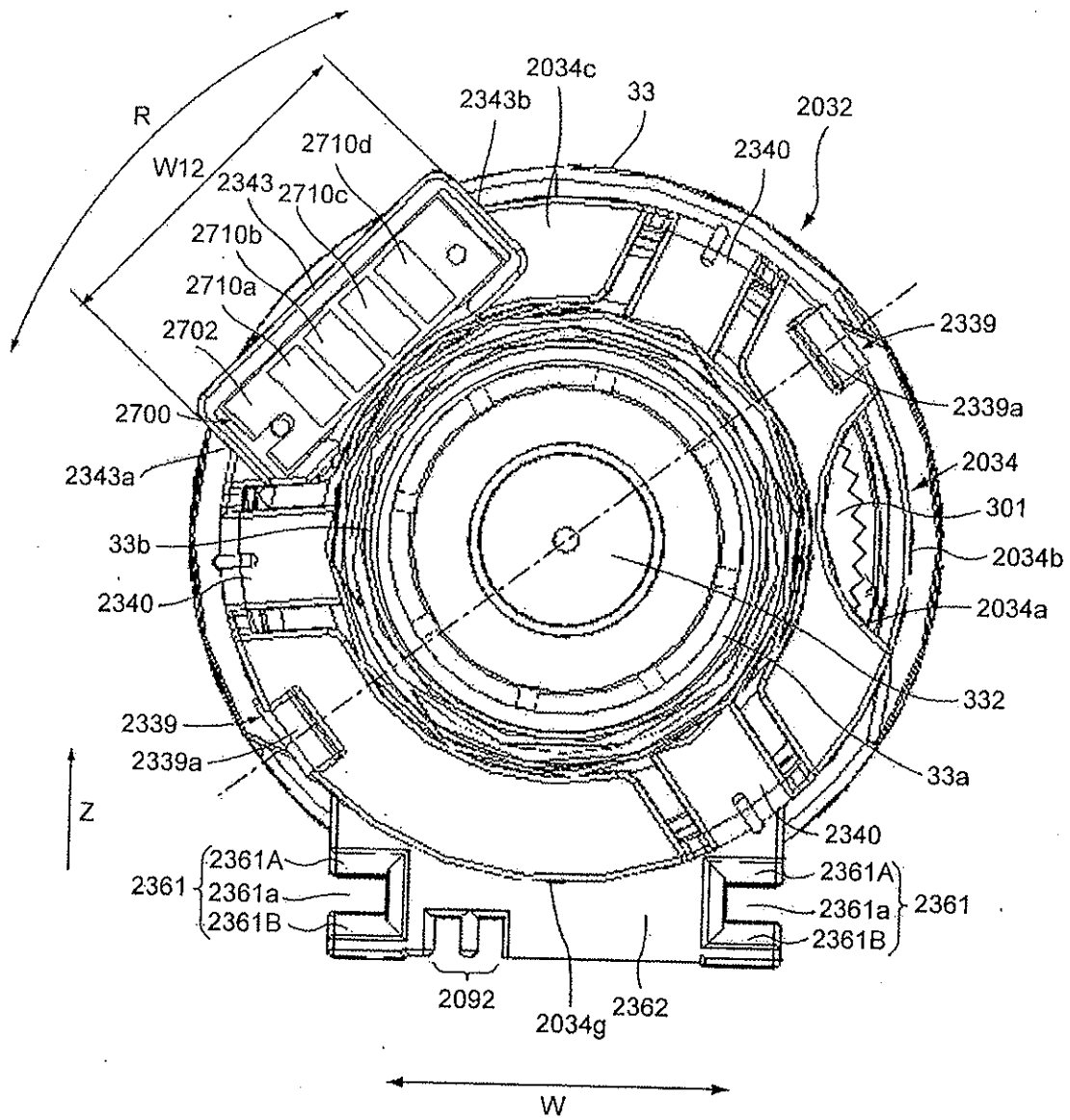


FIG.91A

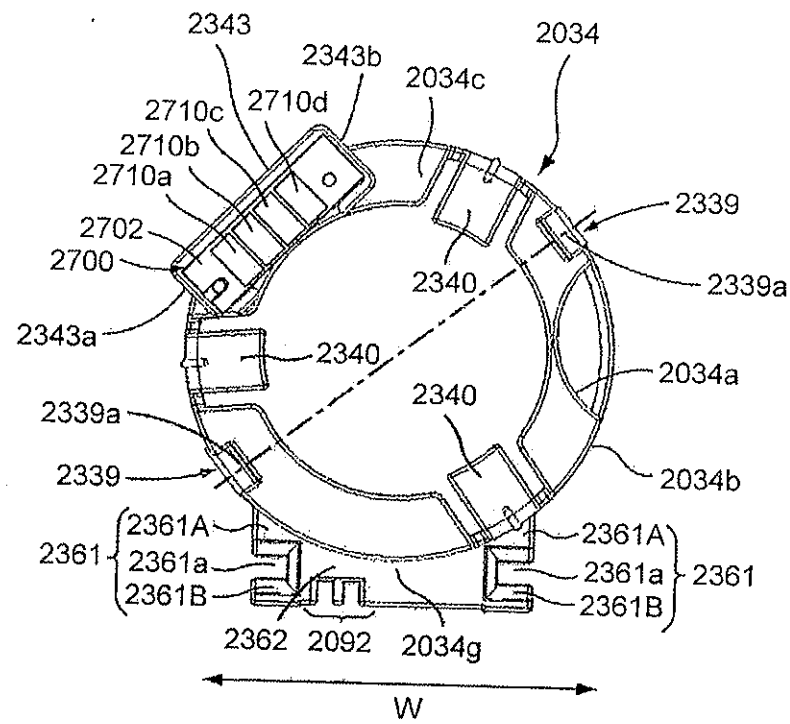


FIG.91B

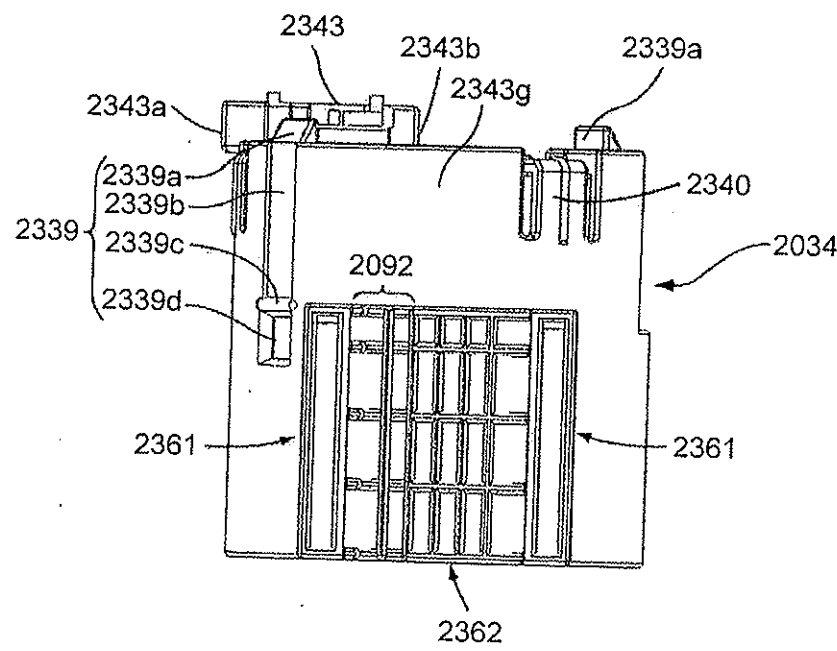
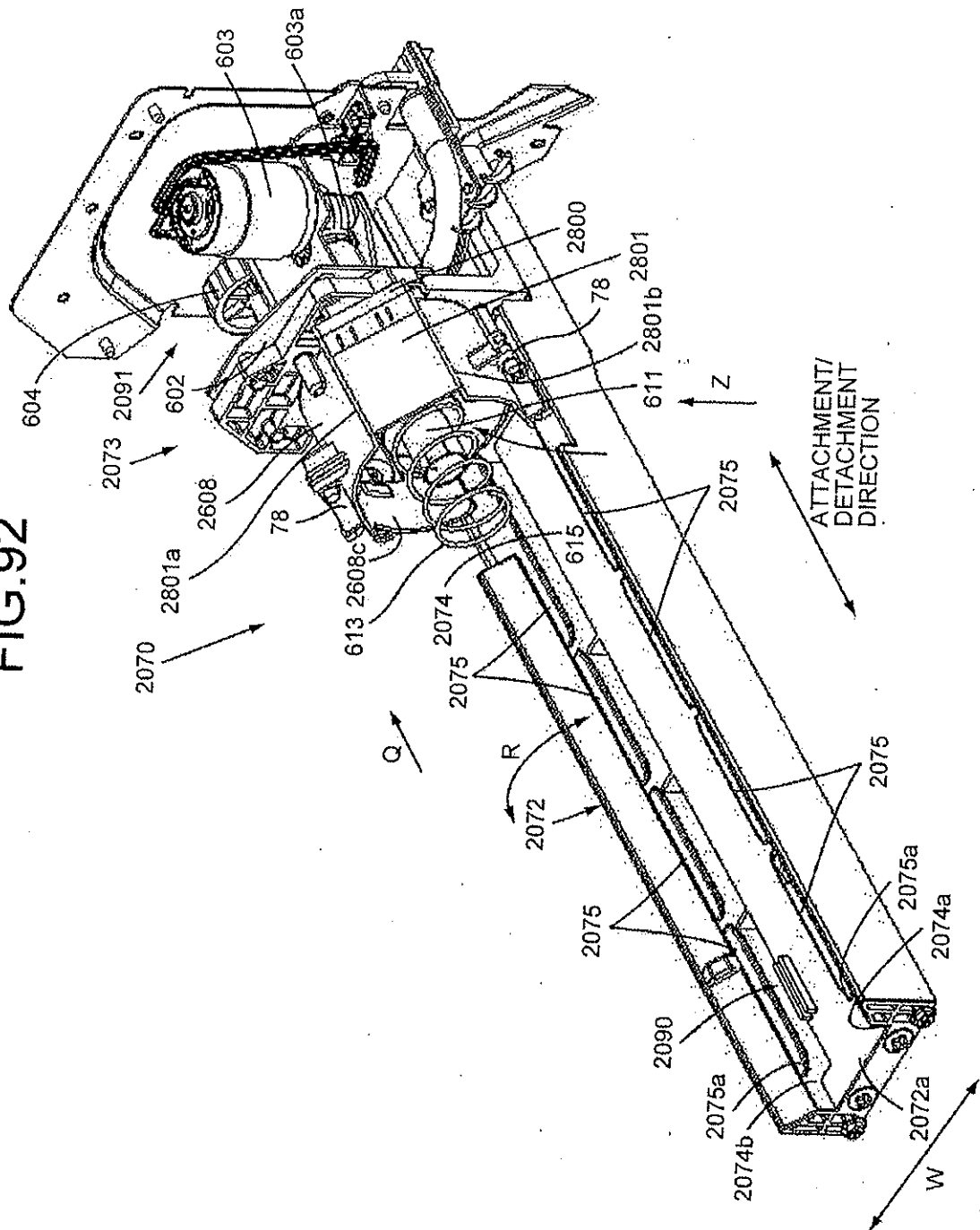


FIG. 92



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FIG.95

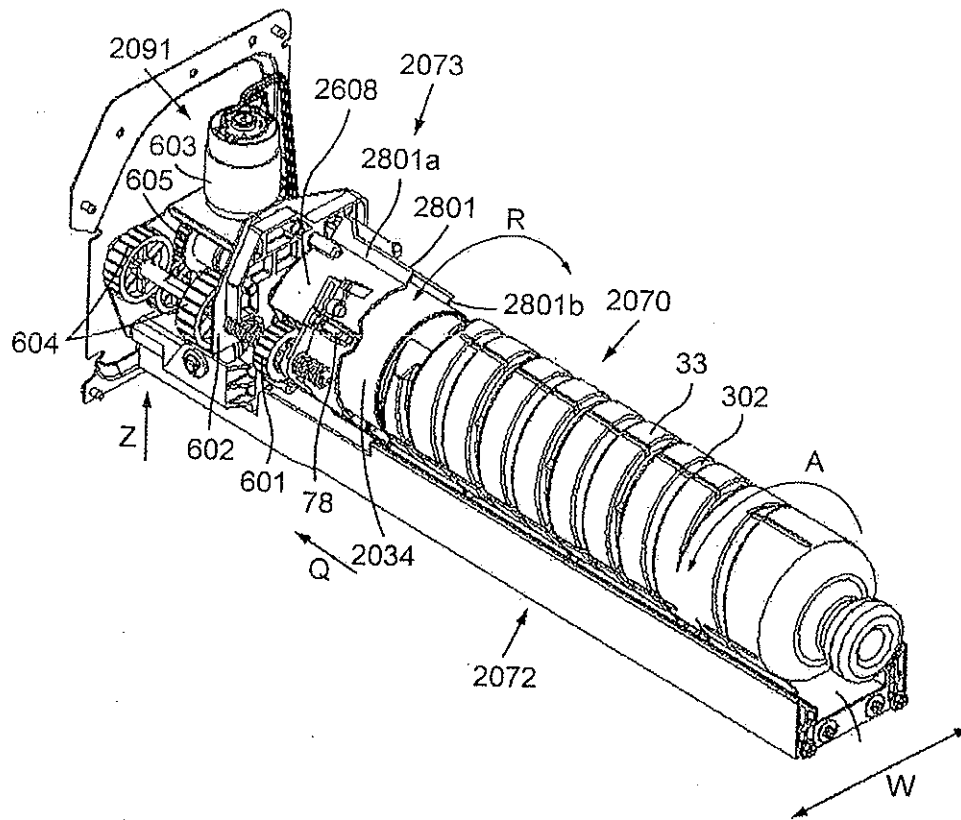
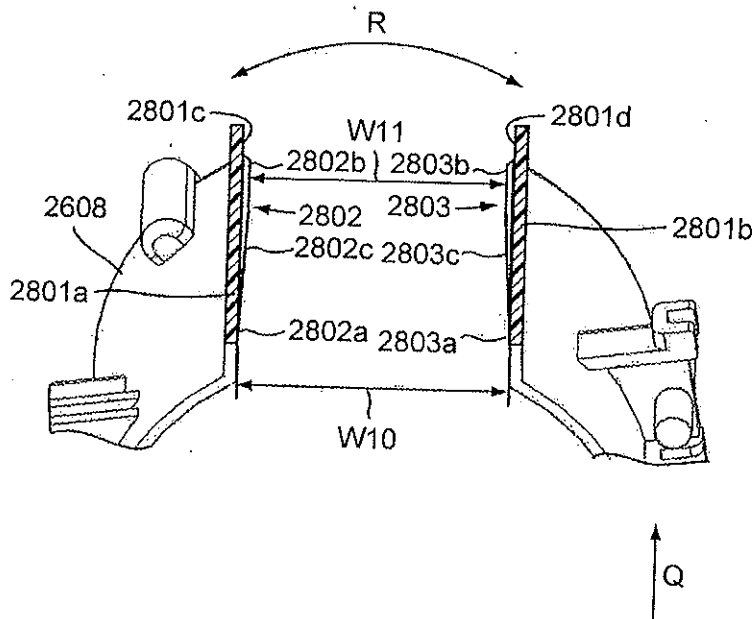


FIG.96



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FIG.97

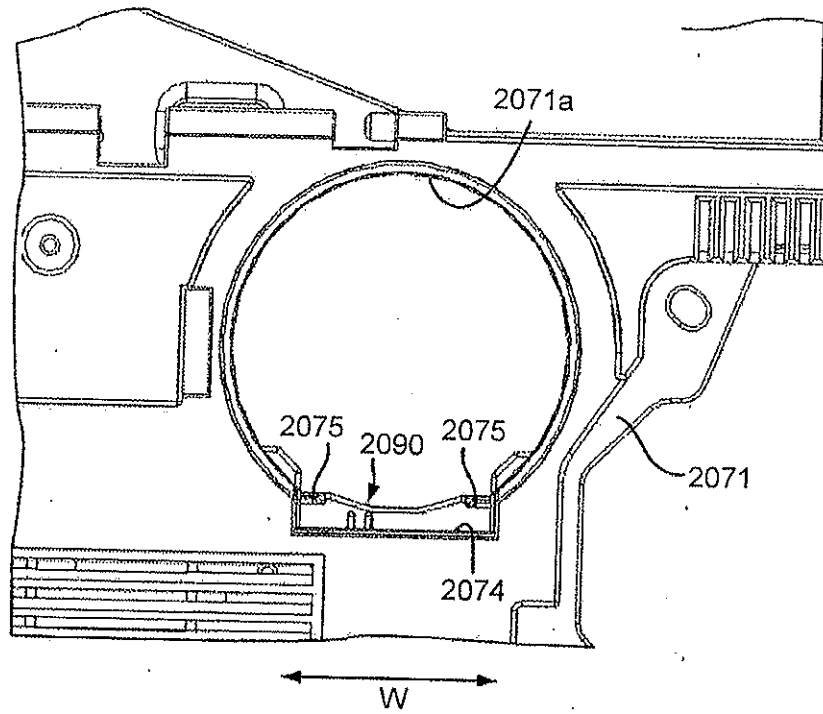
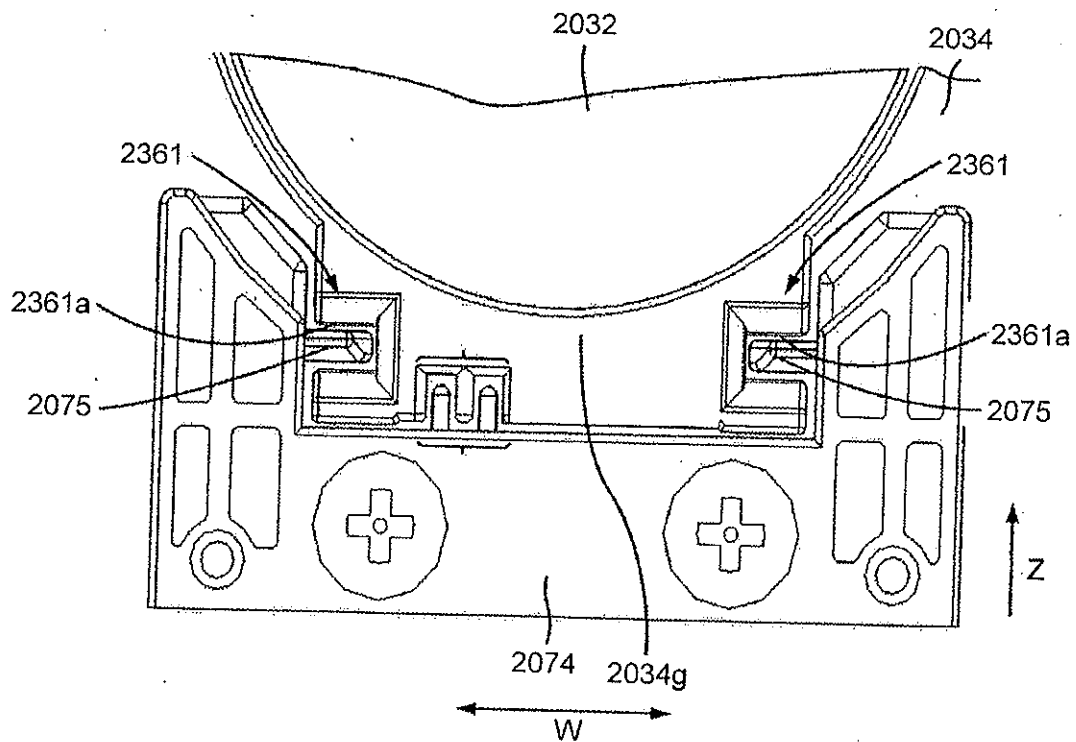


FIG.98



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FIG.99A

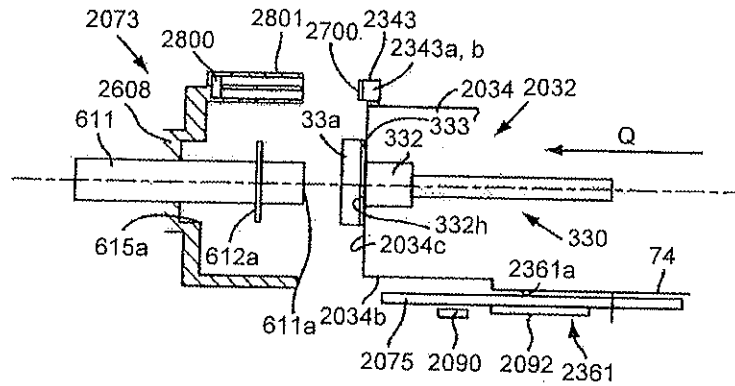


FIG.99B

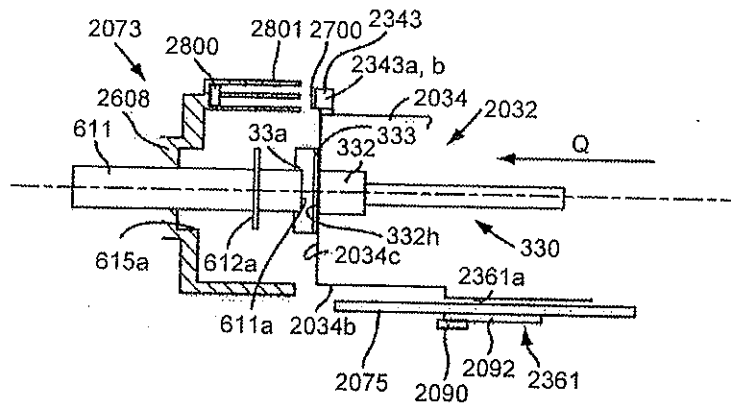


FIG.99C

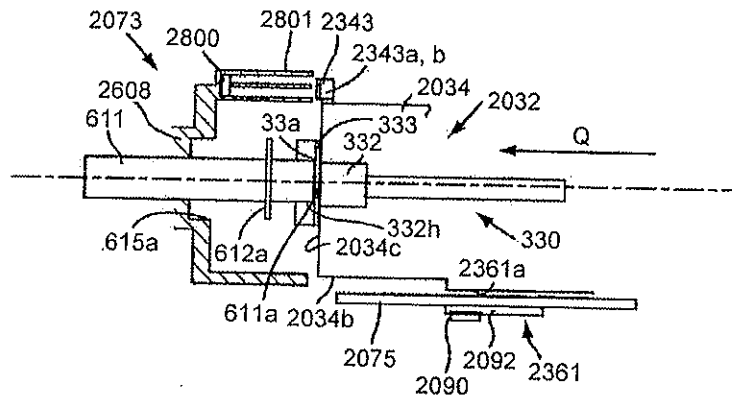
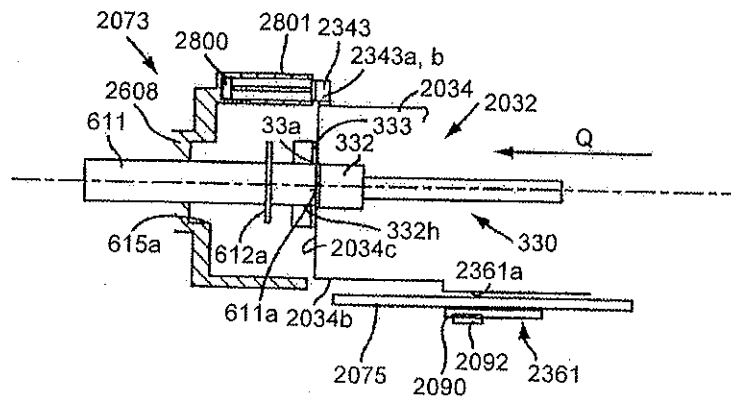


FIG.99D



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FIG.100A

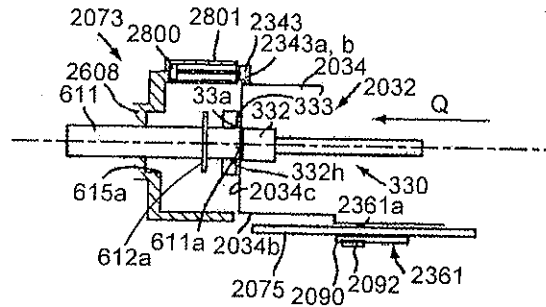


FIG.100B

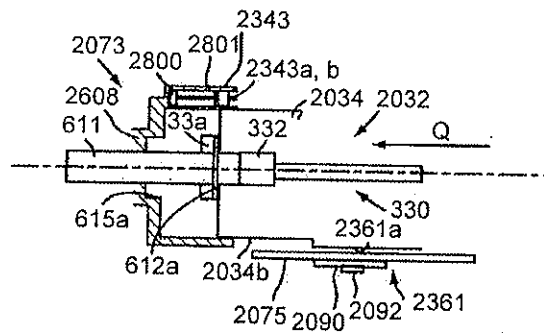


FIG.100C

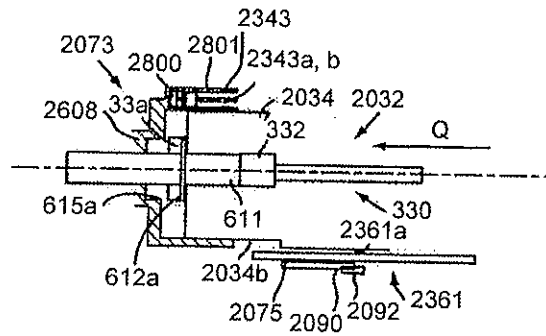


FIG.100D

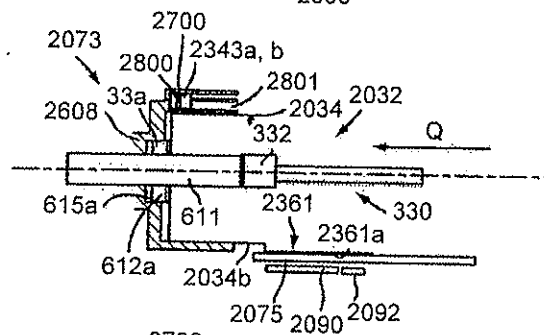
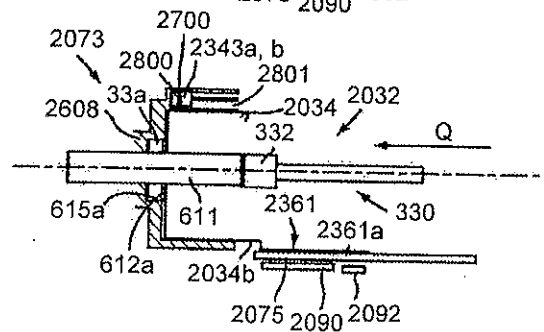


FIG.100E



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FIG.101A

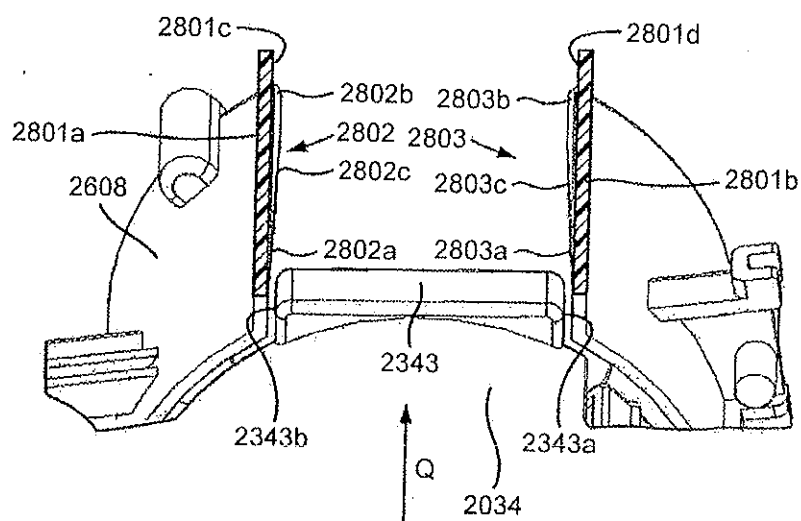


FIG.101B

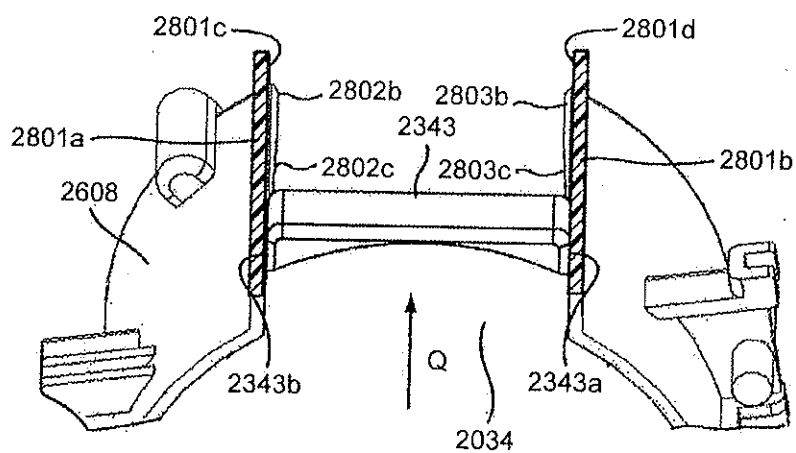
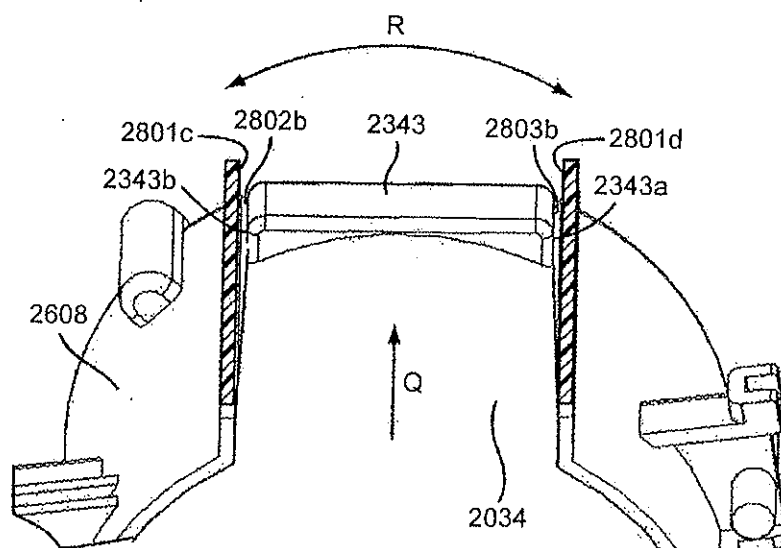


FIG.101C



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FIG.102A

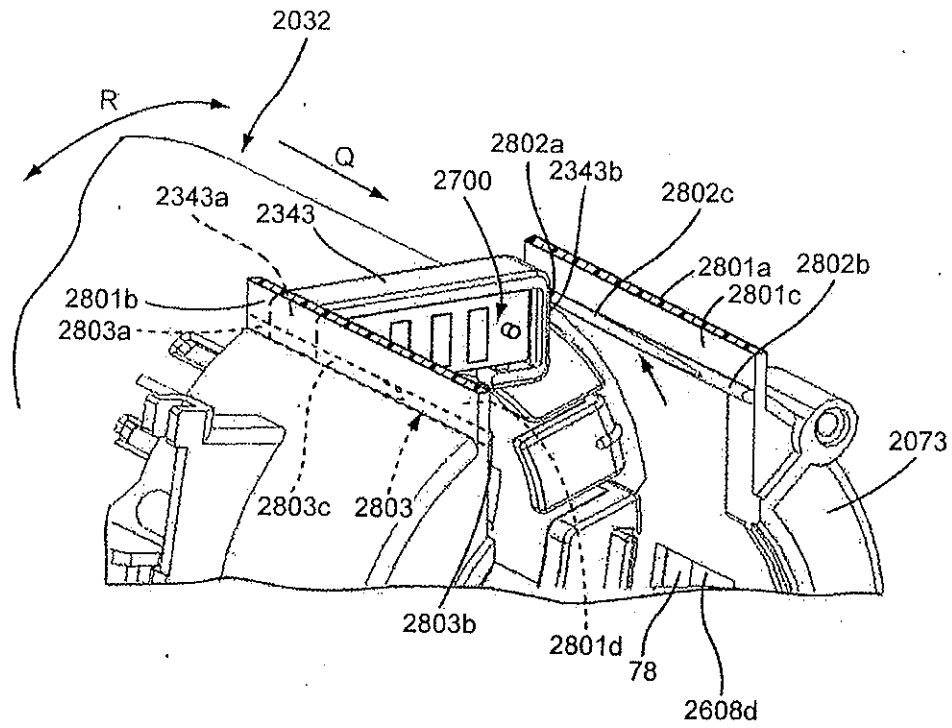
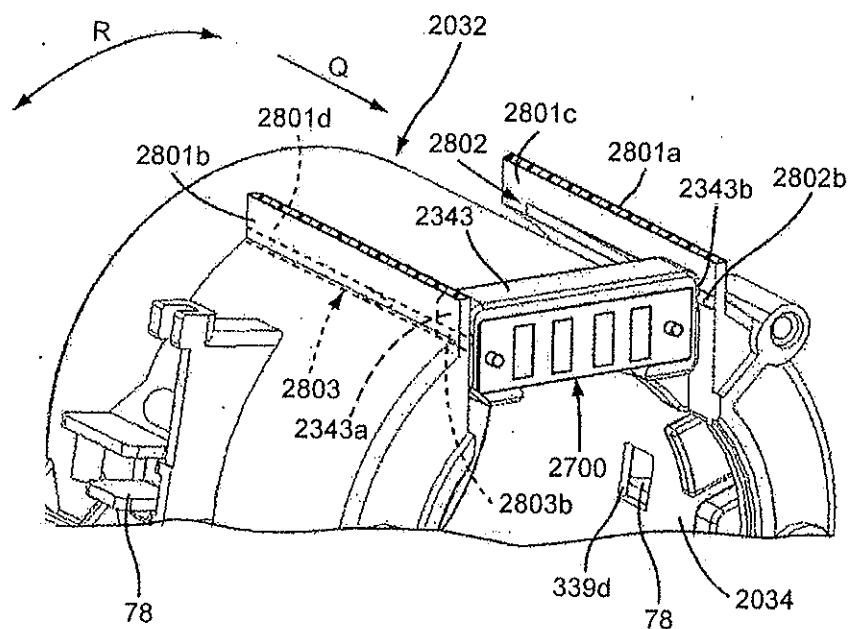


FIG.102B



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FIG.103A

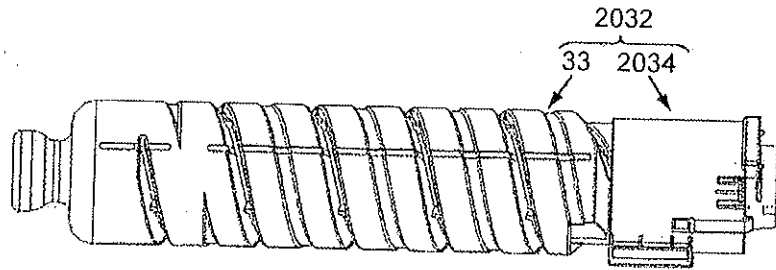


FIG.103B

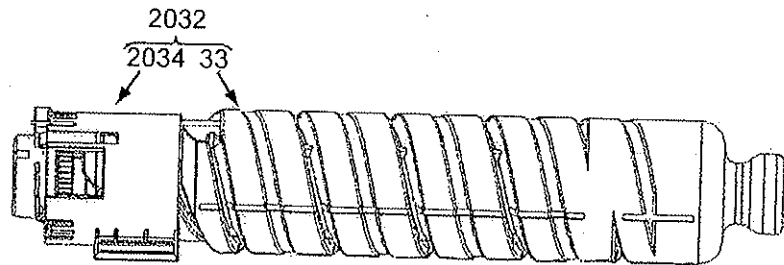


FIG.103C

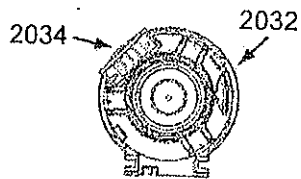


FIG.103D

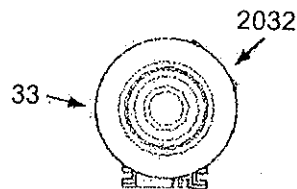


FIG.103E

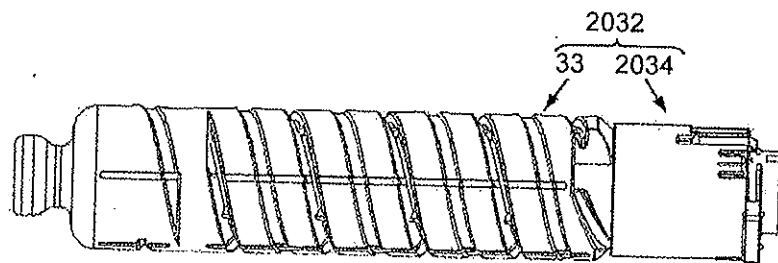


FIG.103F

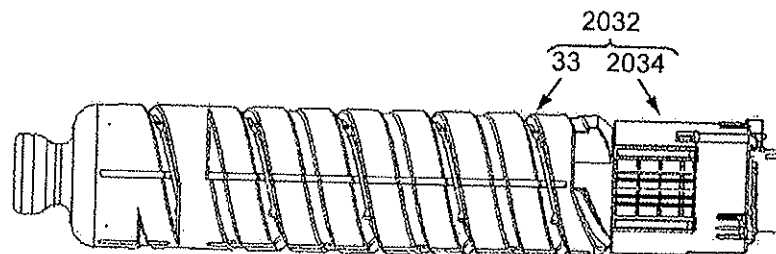


FIG.104

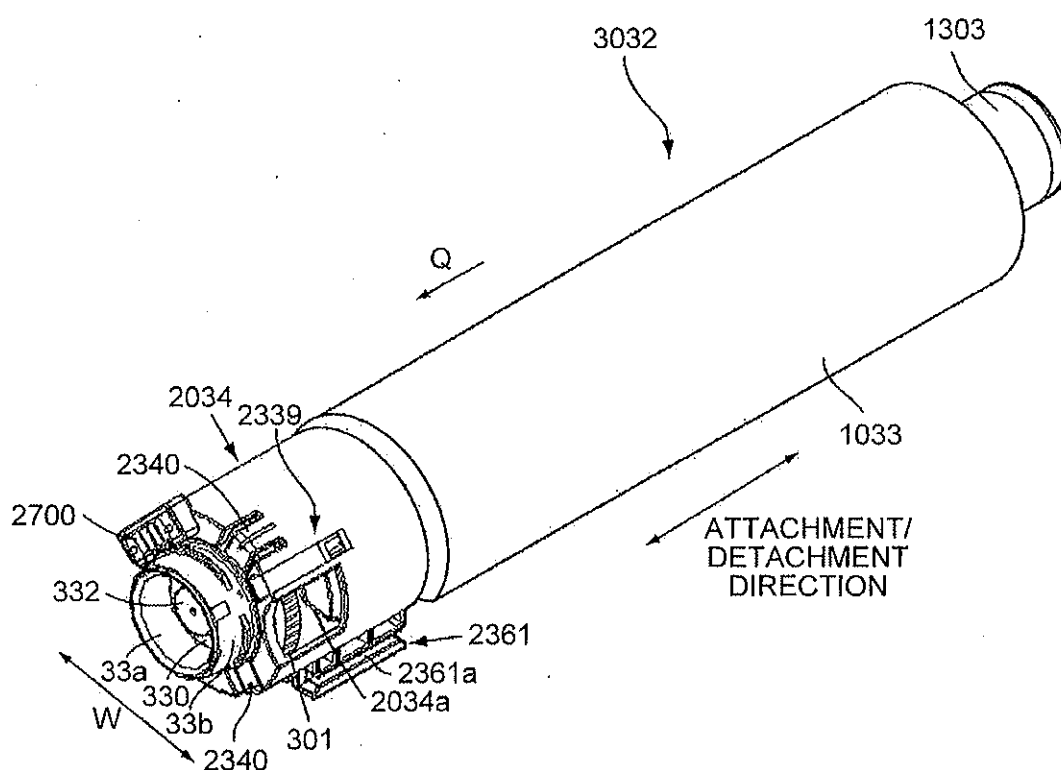


FIG.105A

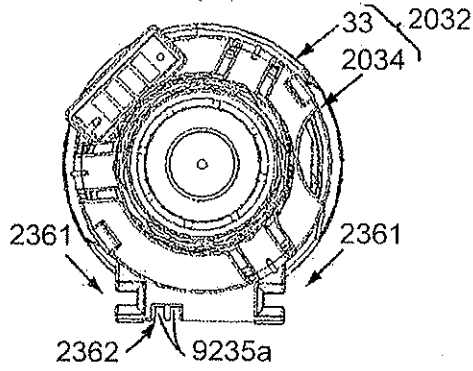


FIG.105B

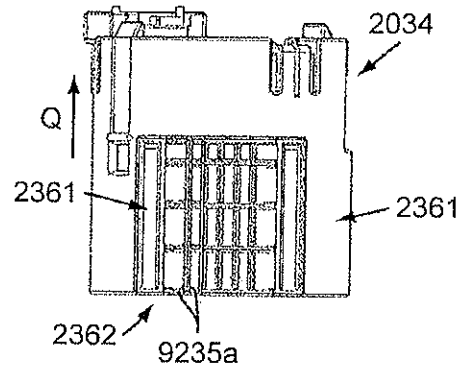


FIG.105C

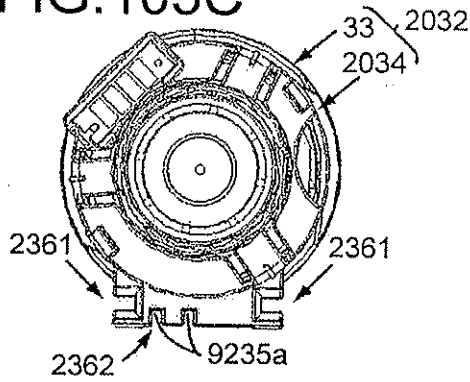


FIG.105D

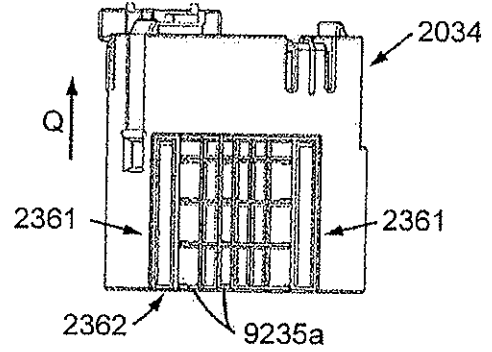


FIG.105E

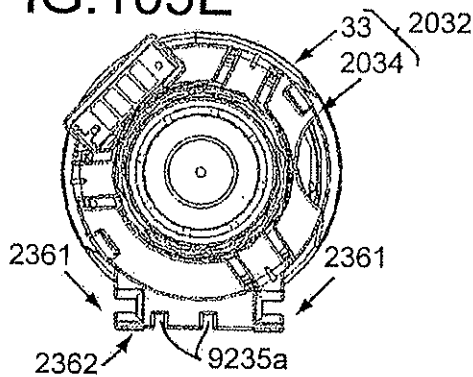


FIG.105F

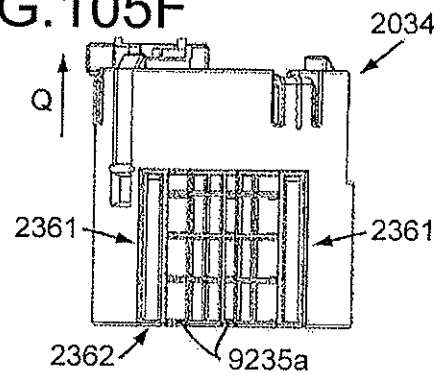


FIG.105G

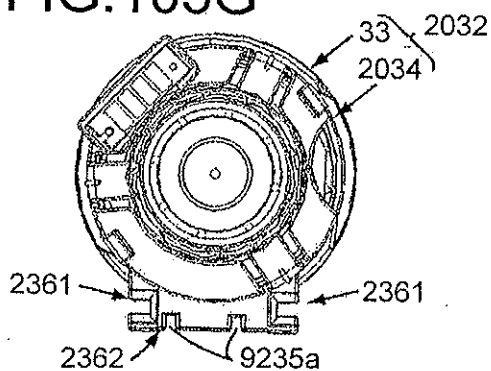


FIG.105H

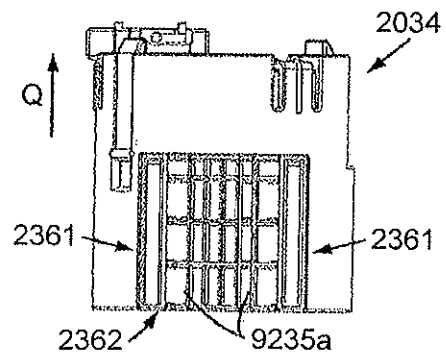


FIG.106A

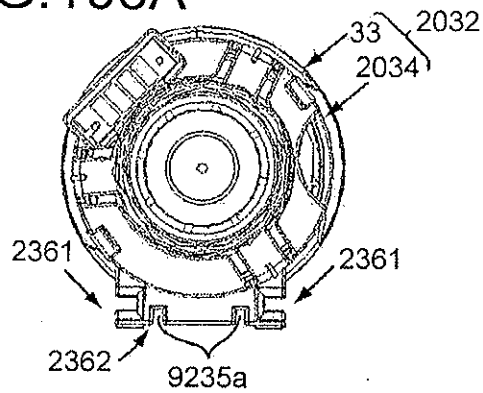


FIG.106B

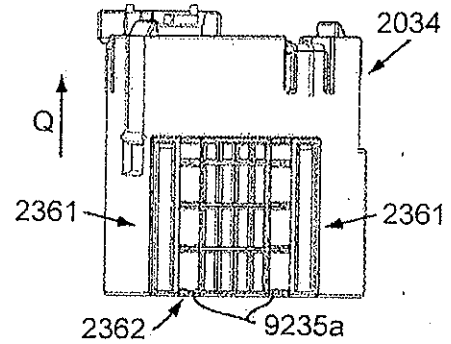


FIG.106C

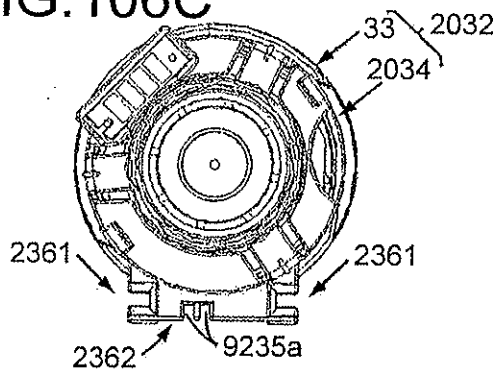


FIG.106D

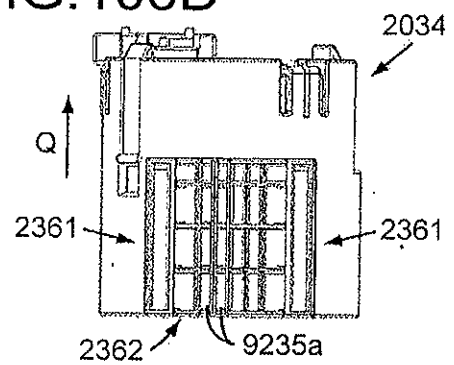


FIG.106E

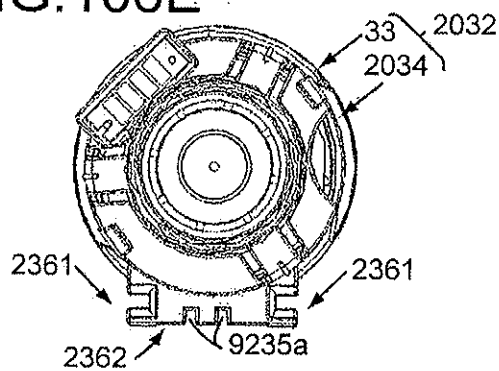


FIG.106F

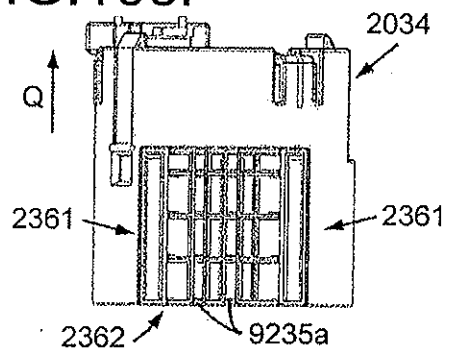


FIG.106G

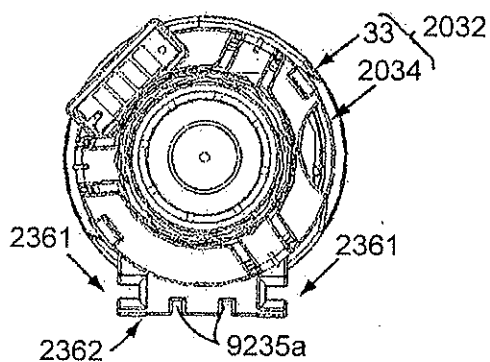
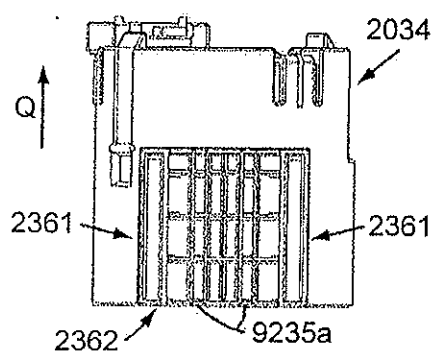


FIG.106H



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FIG.107A

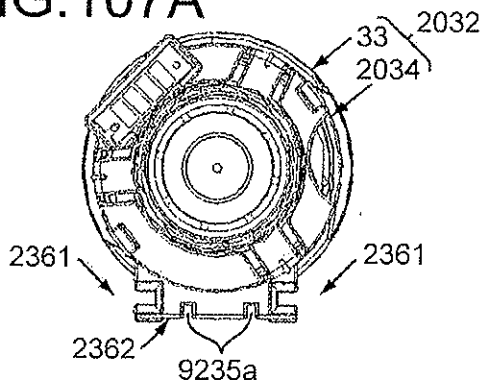


FIG.107B

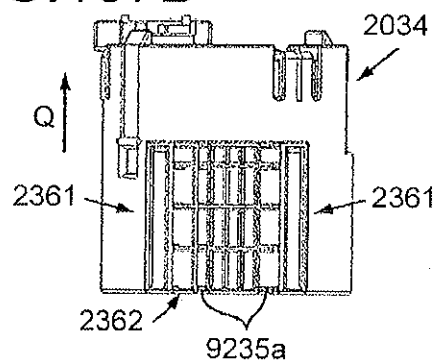


FIG.107C

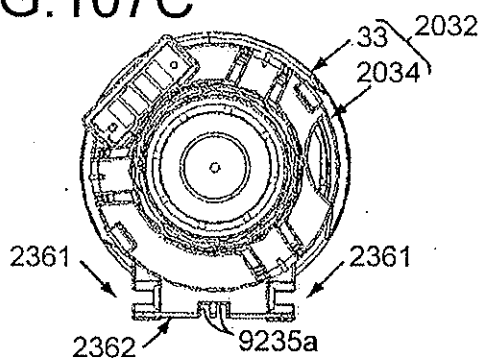


FIG.107D

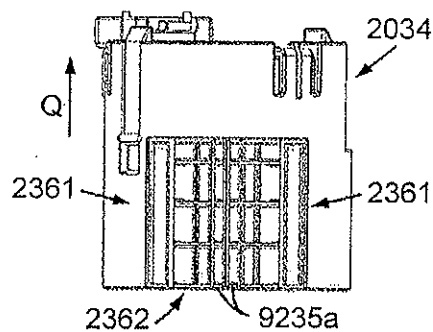


FIG.107E

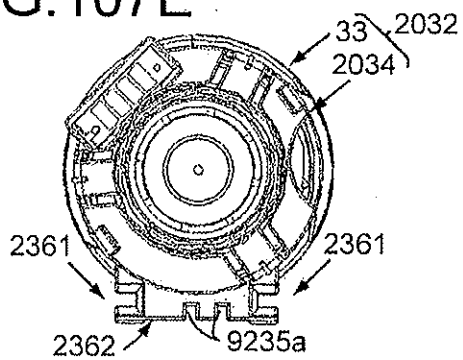


FIG.107F

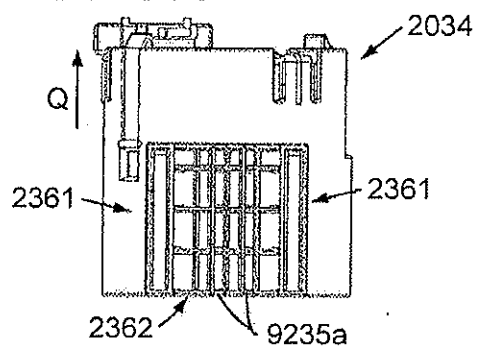


FIG.107G

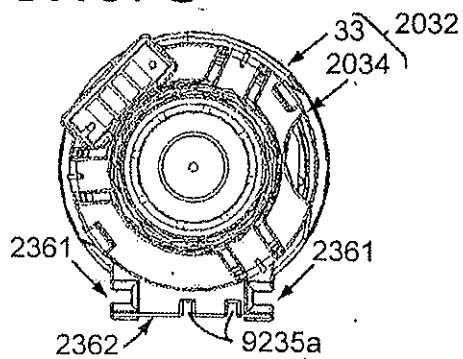


FIG.107H

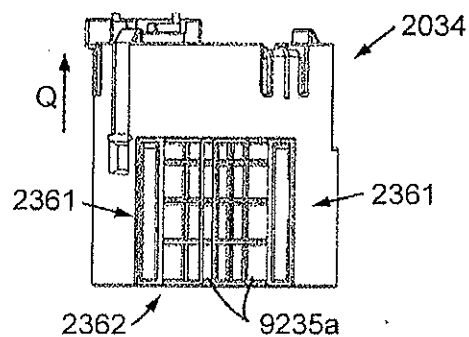


FIG.108A

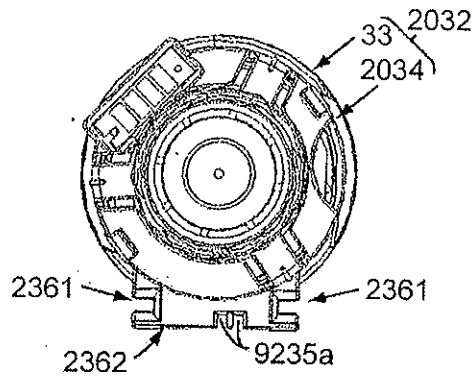


FIG.108B

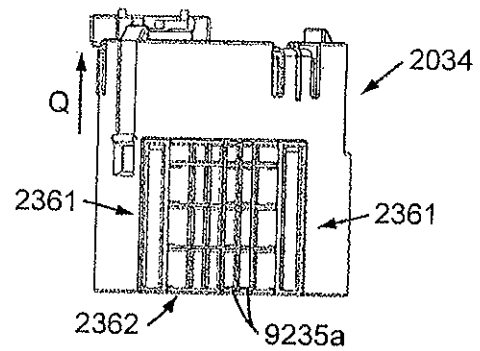


FIG.108C

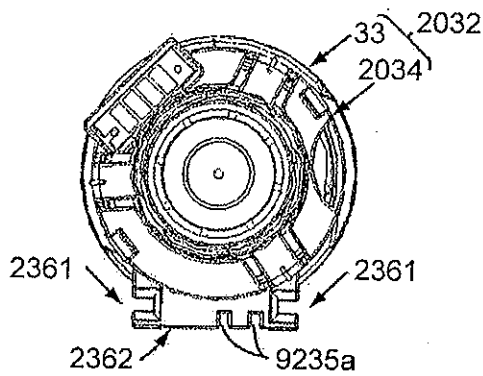


FIG.108D

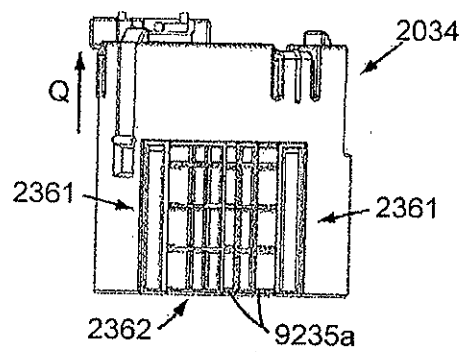


FIG.108E

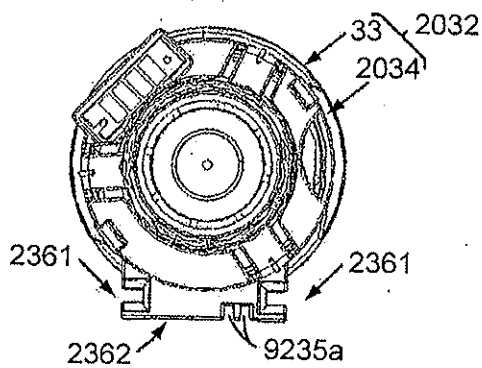


FIG.108F

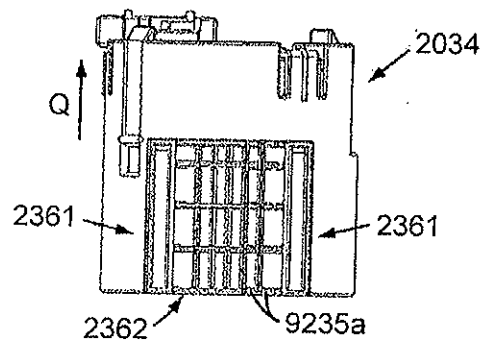
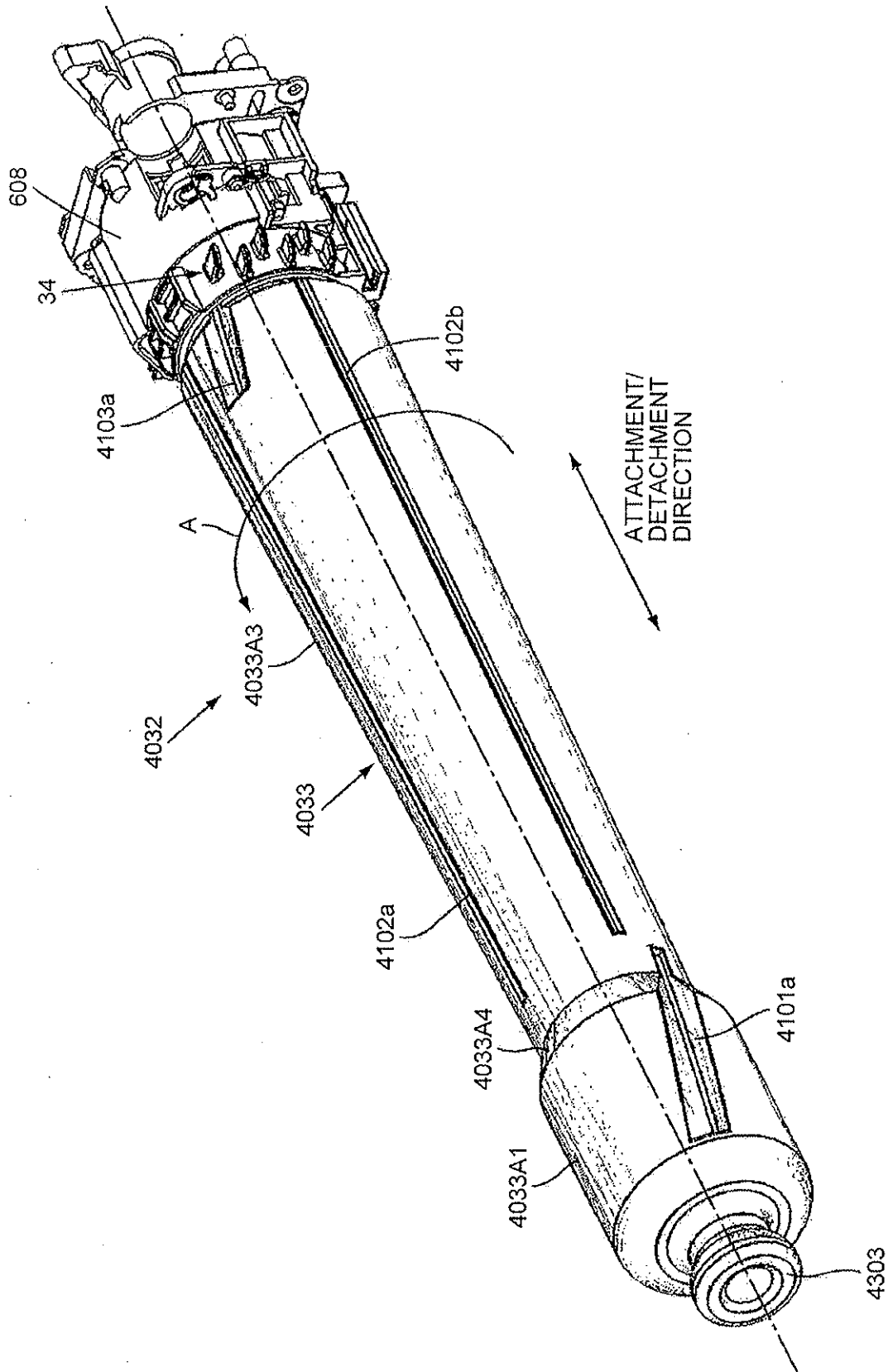
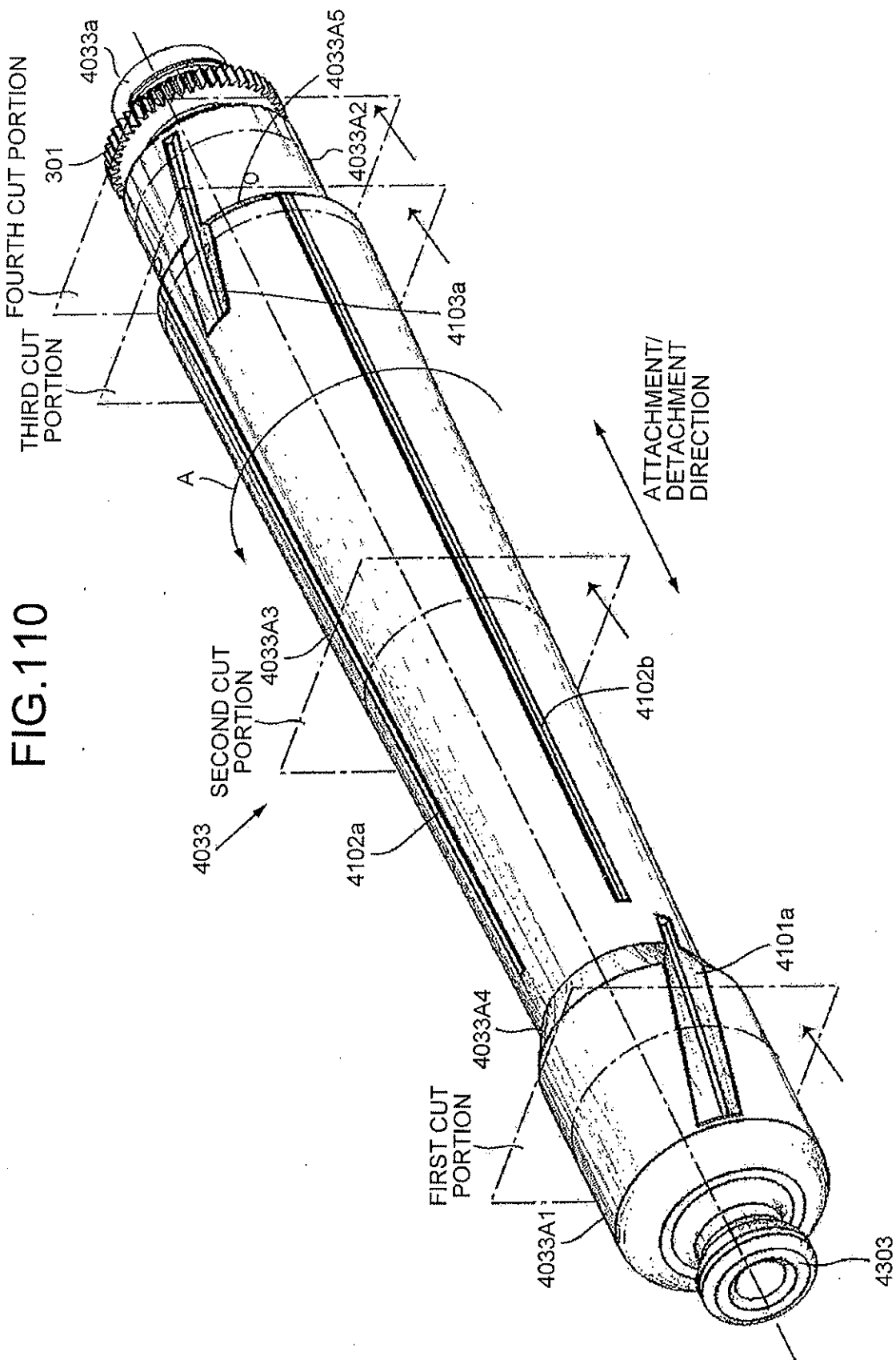


FIG.109



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FIG.111

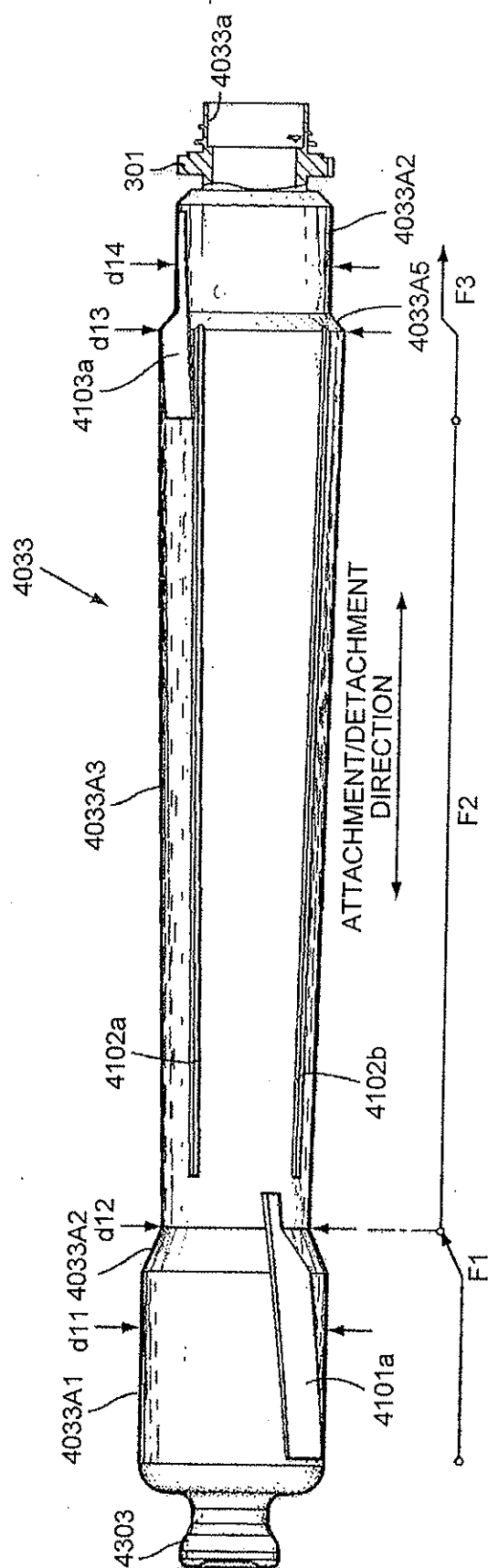


FIG.112A

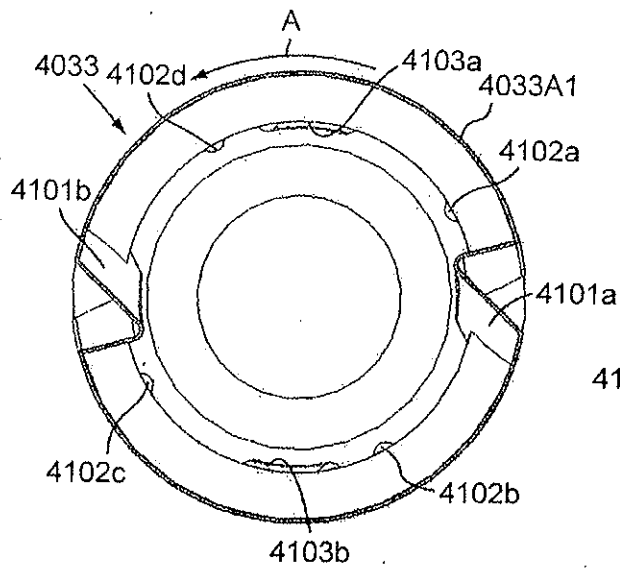


FIG.112B

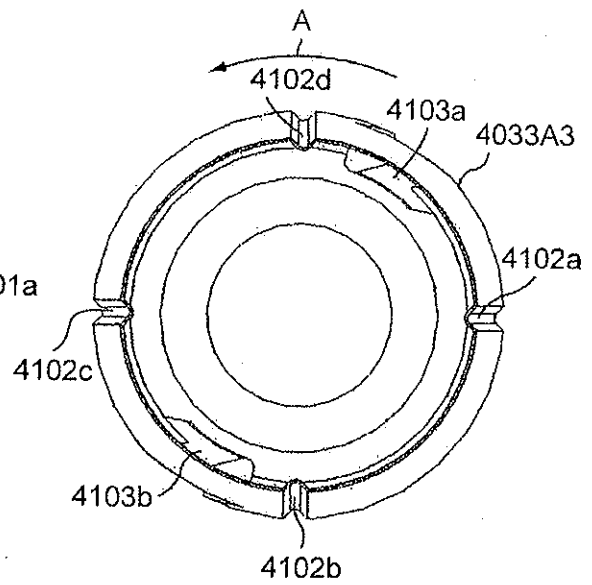


FIG.112C

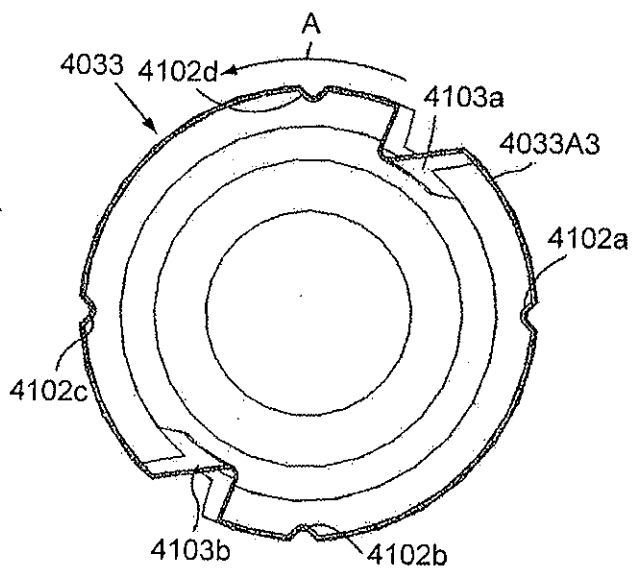


FIG.112D

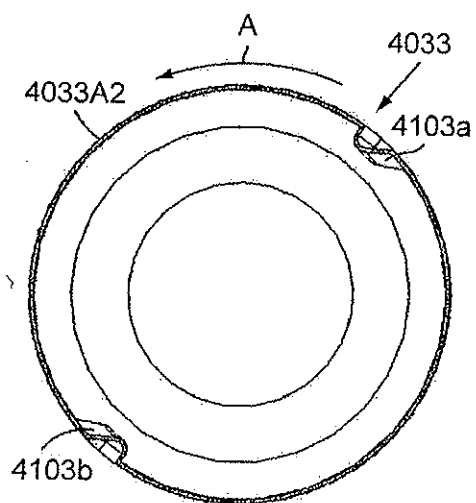


FIG.113A

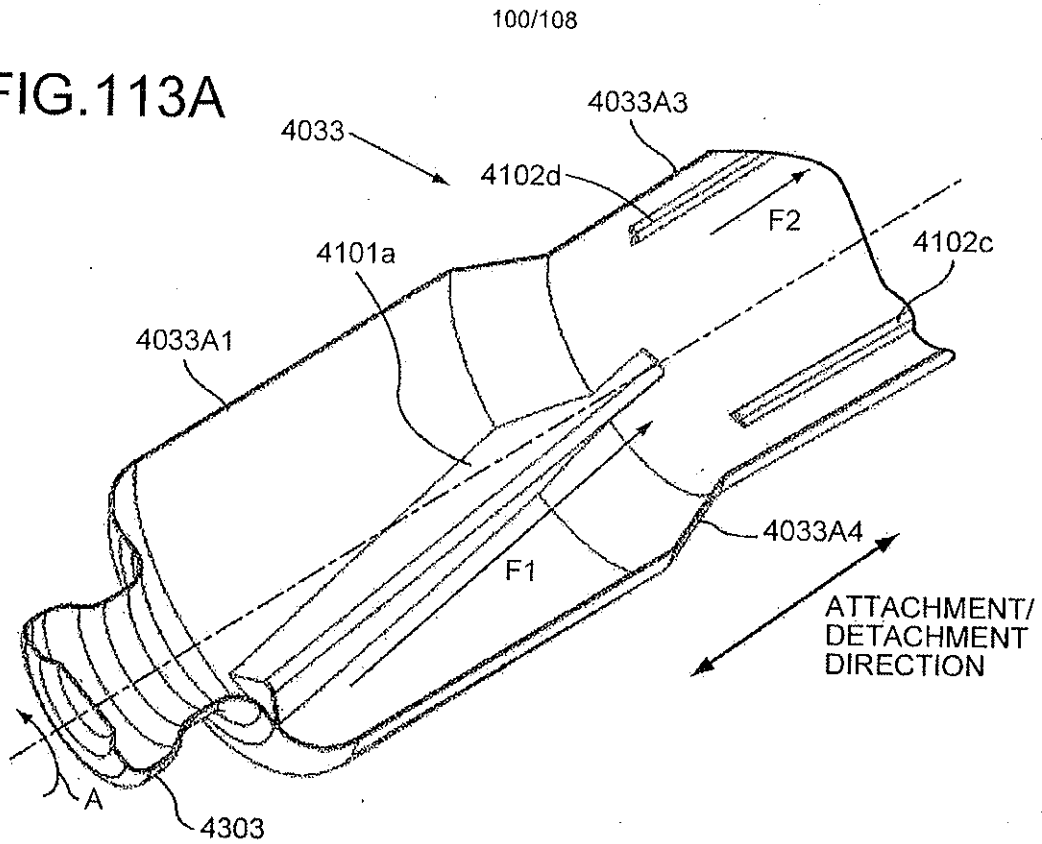
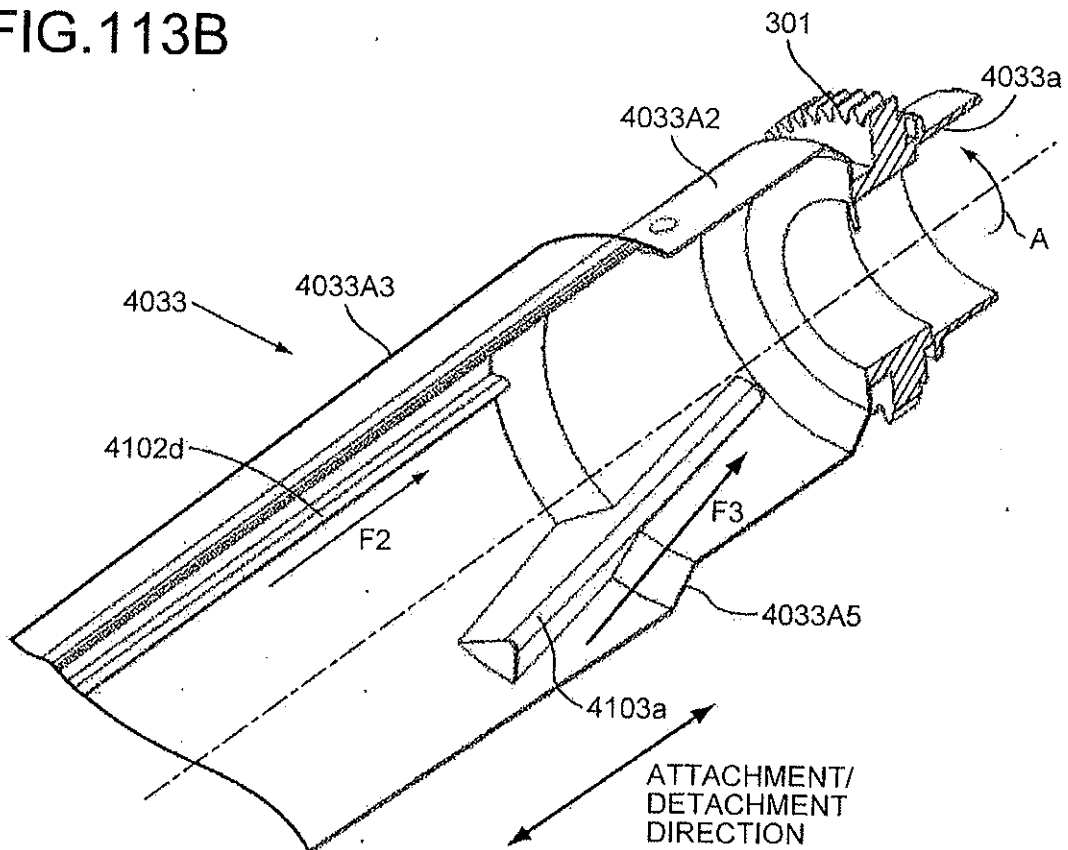
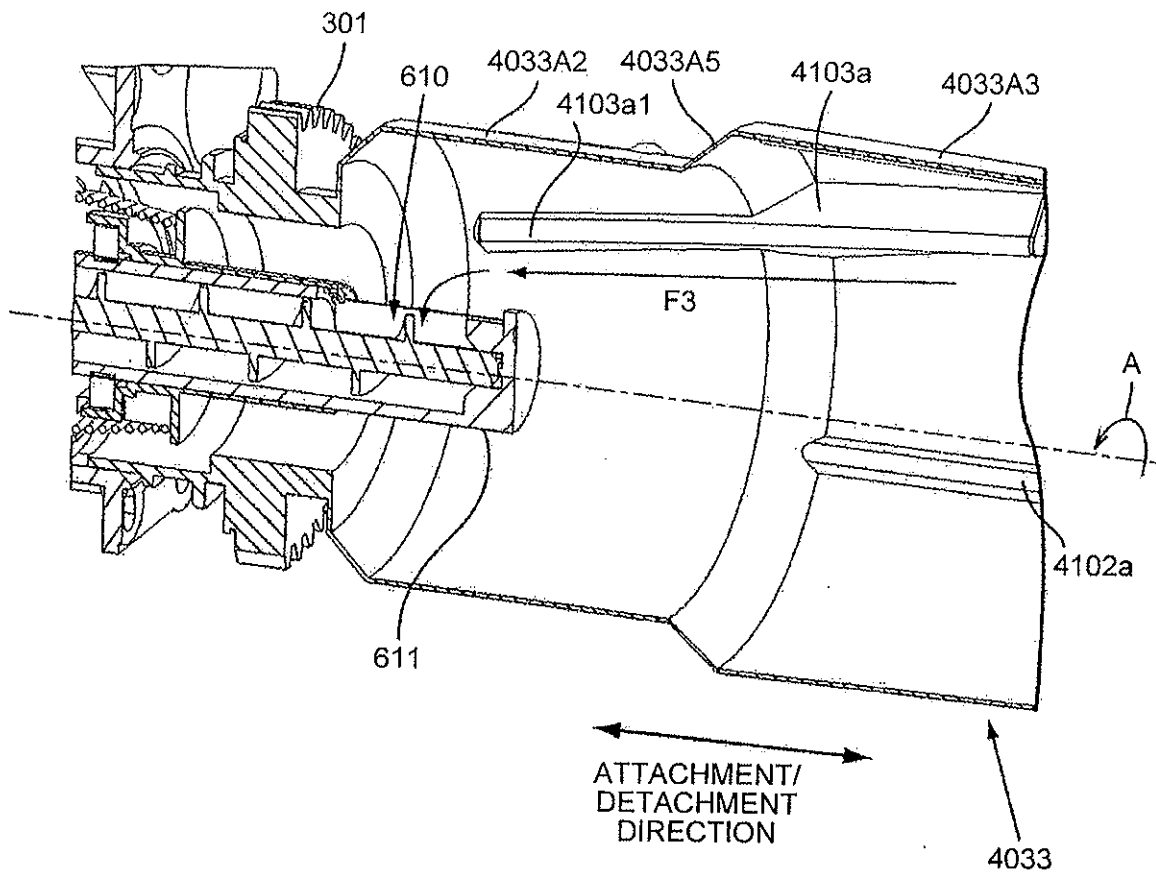


FIG.113B



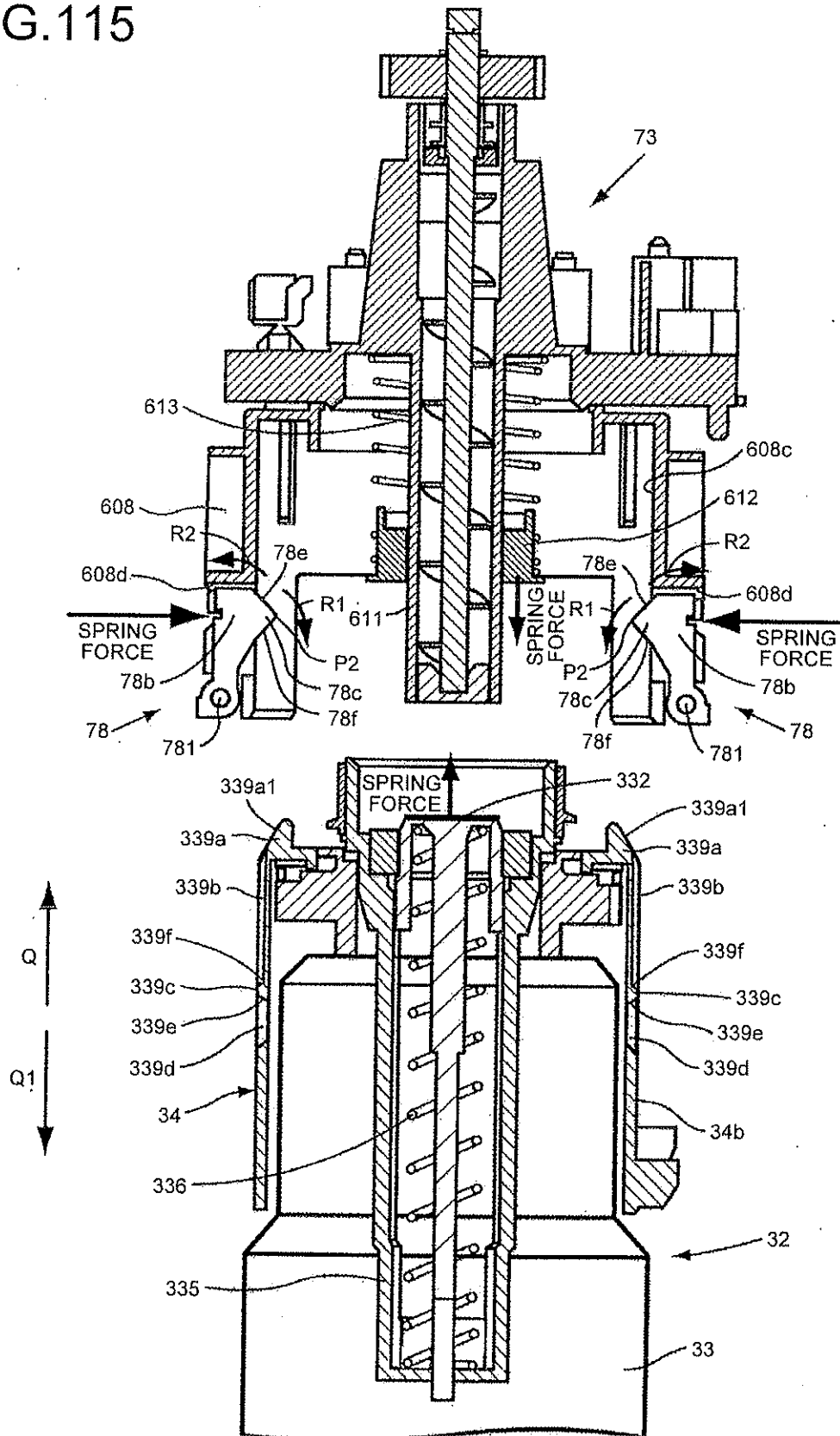
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FIG.114



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FIG.115



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FIG.116

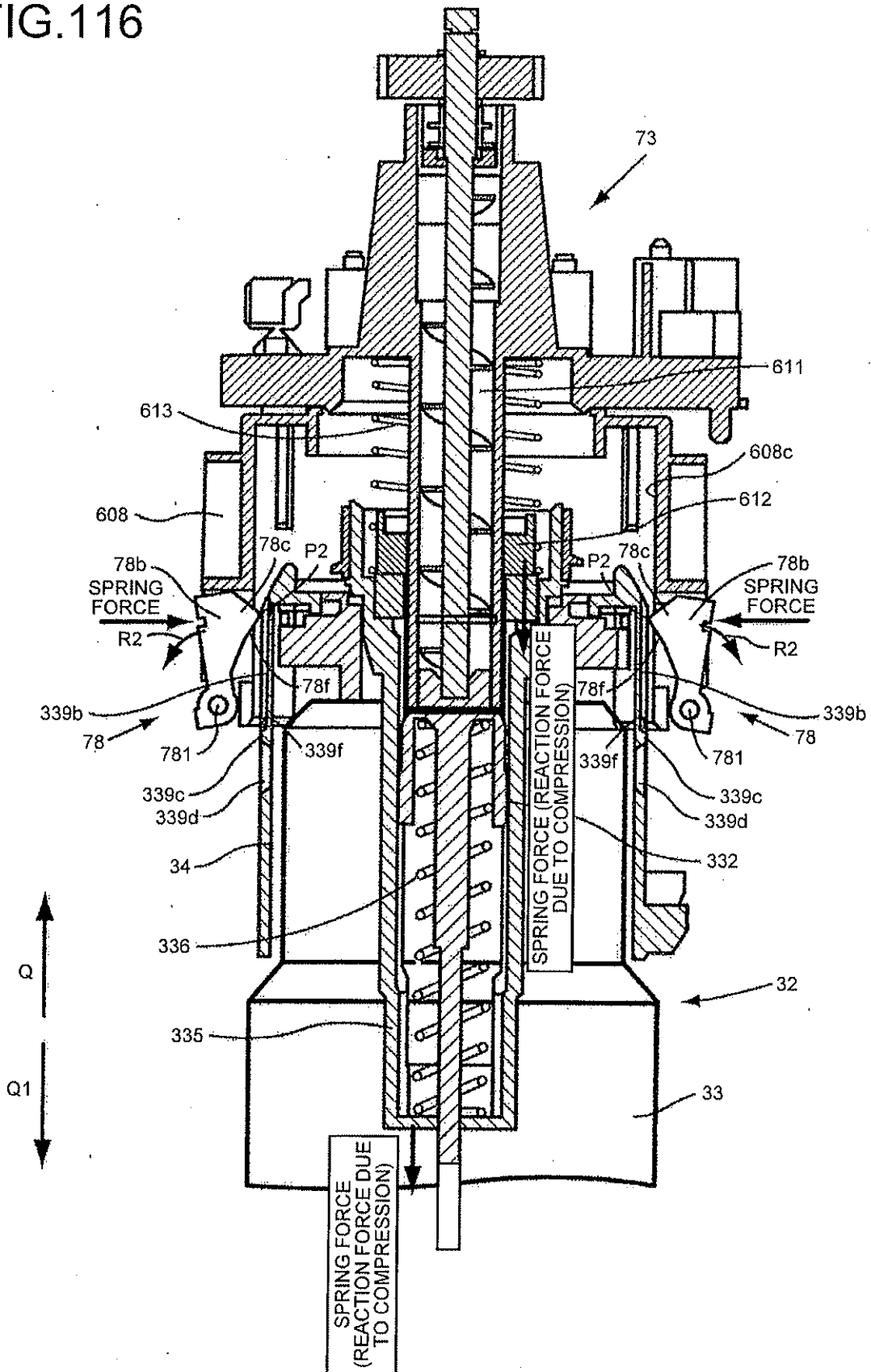


FIG.117

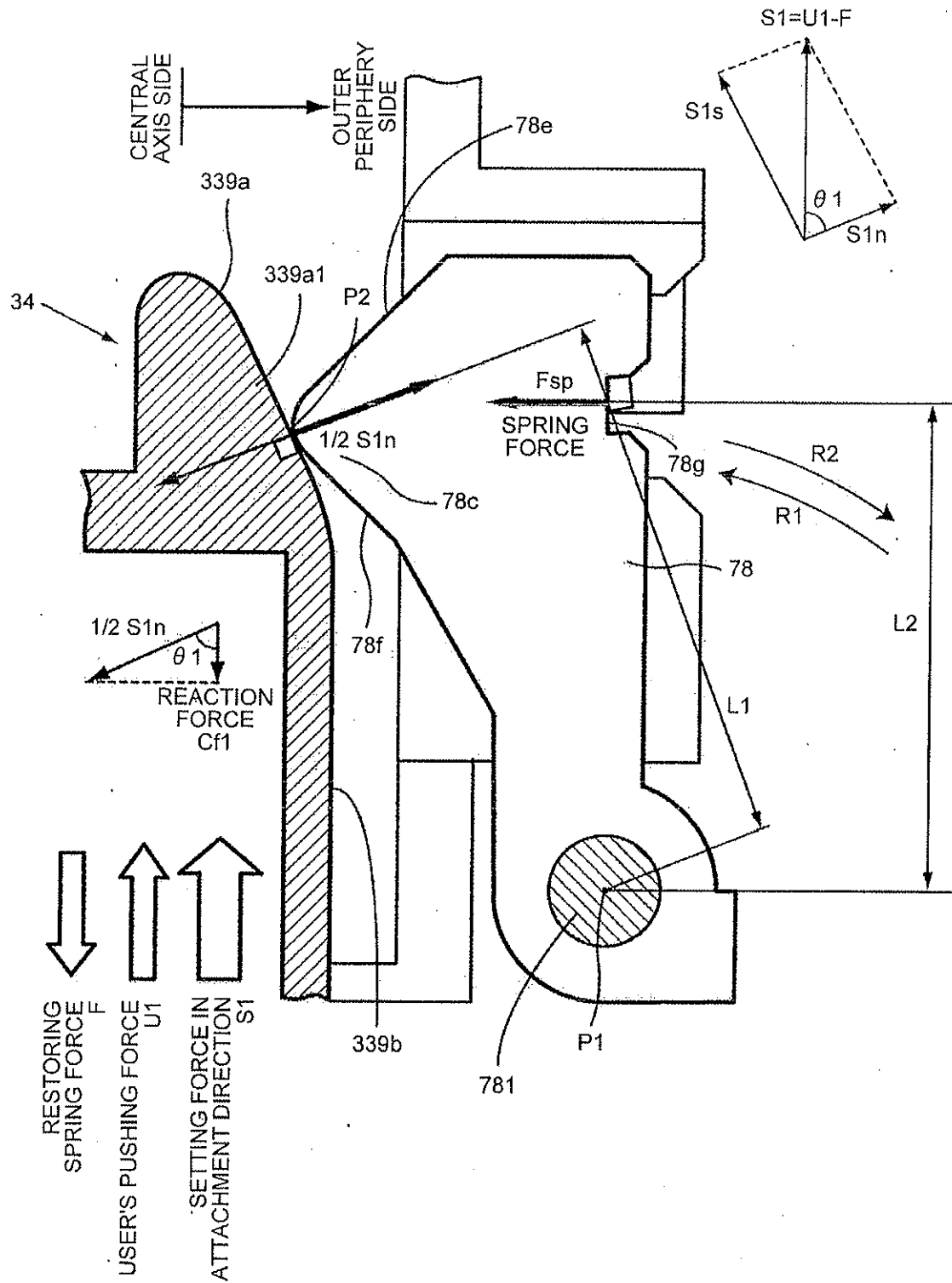


FIG. 120

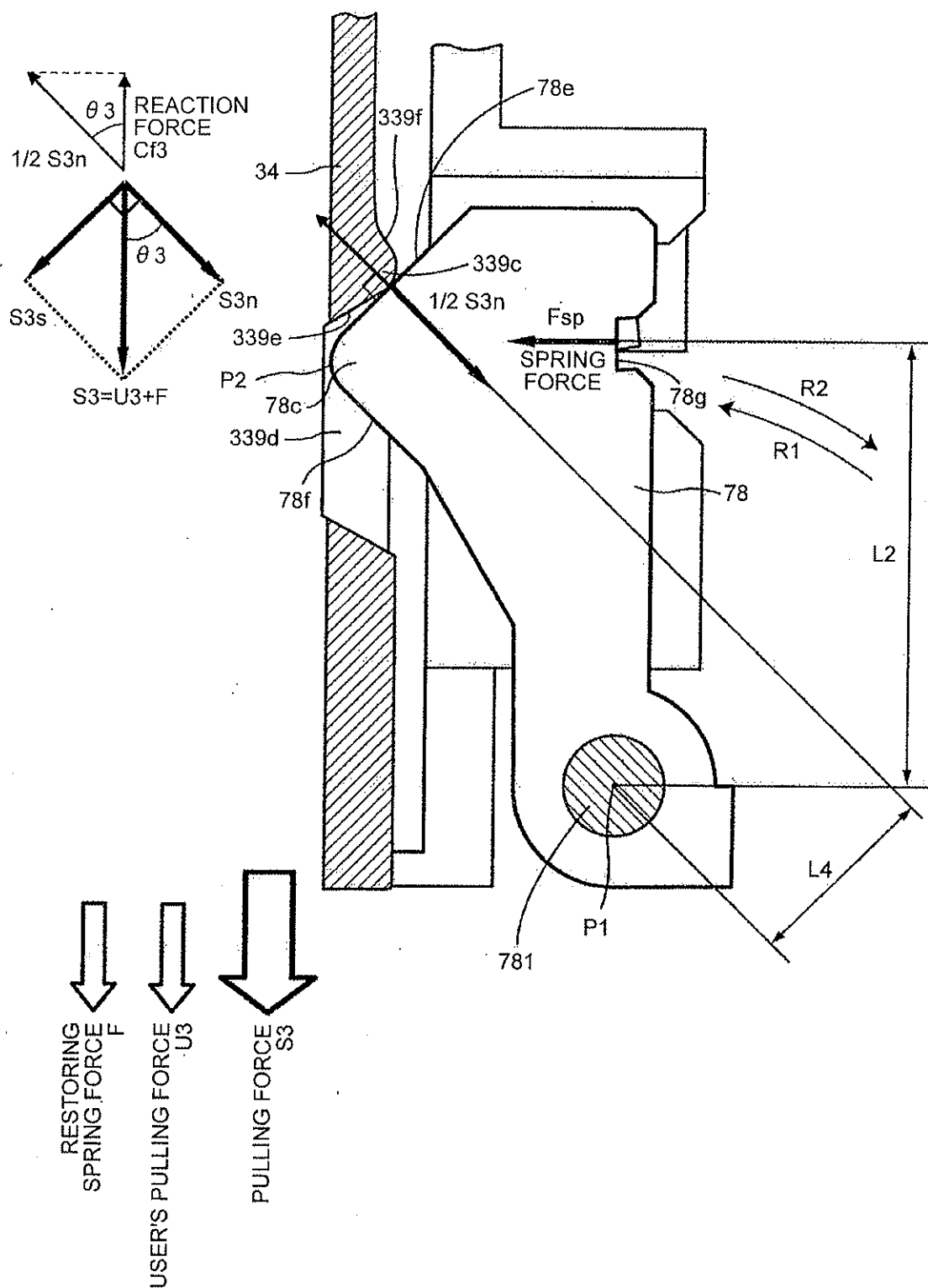


FIG.121

