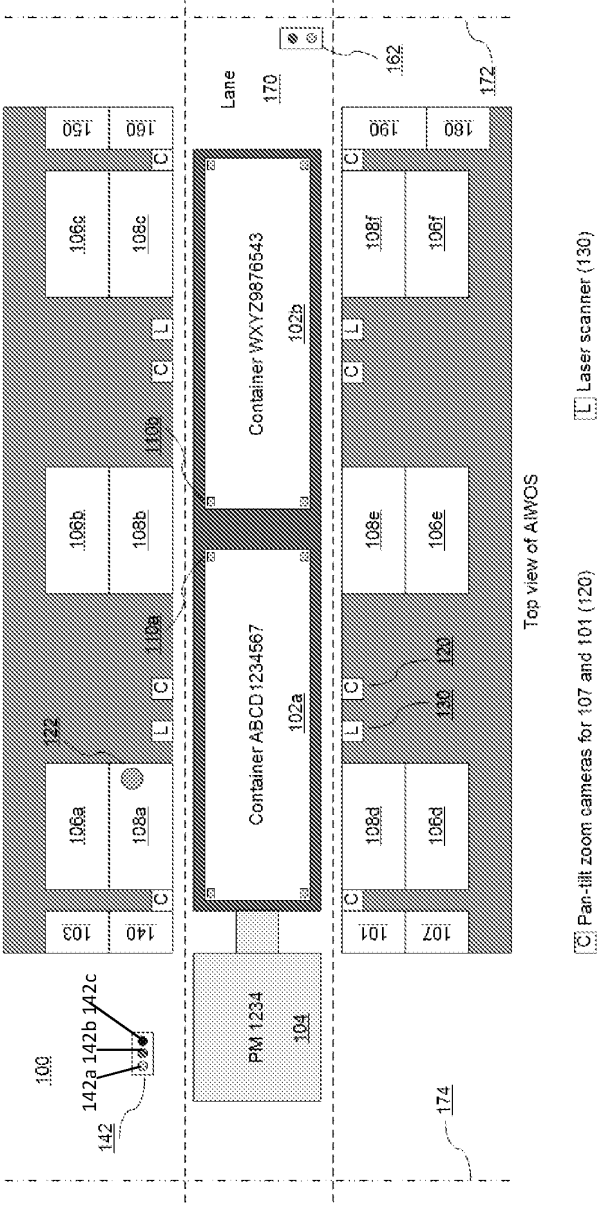


Figure 1



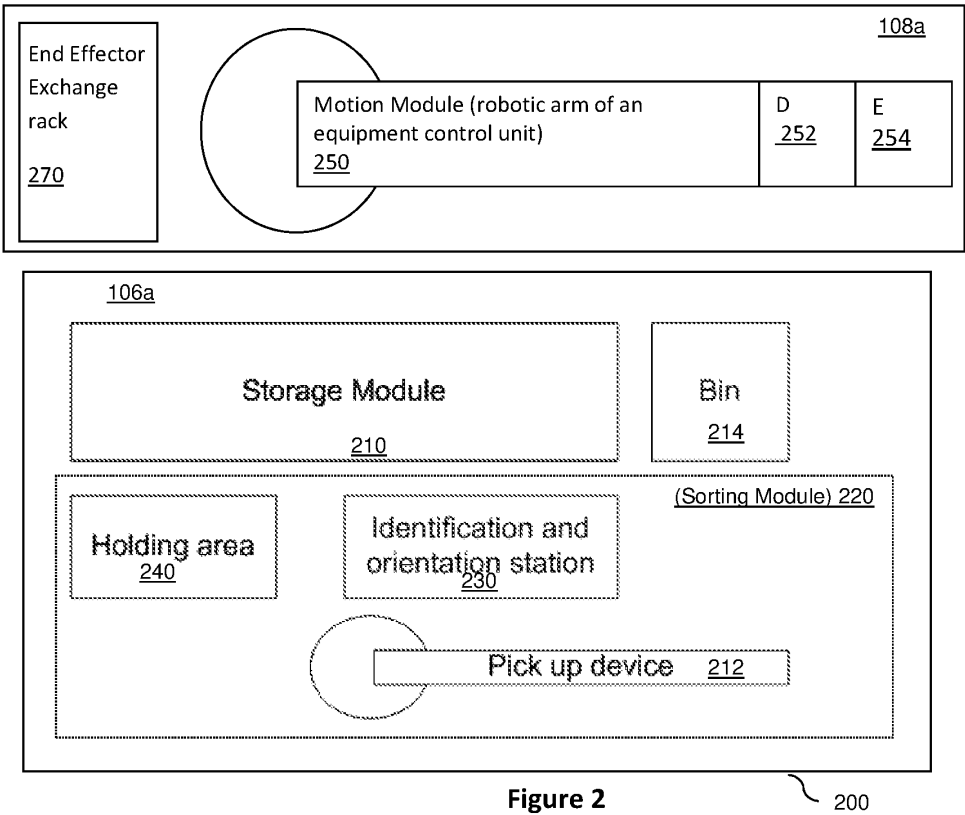


Figure 2 200

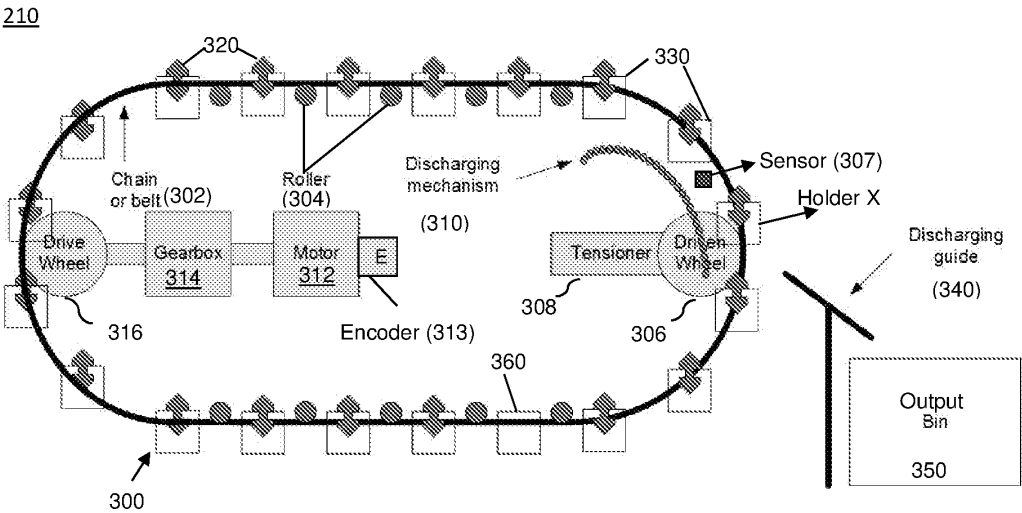


Figure 3A (Side View)

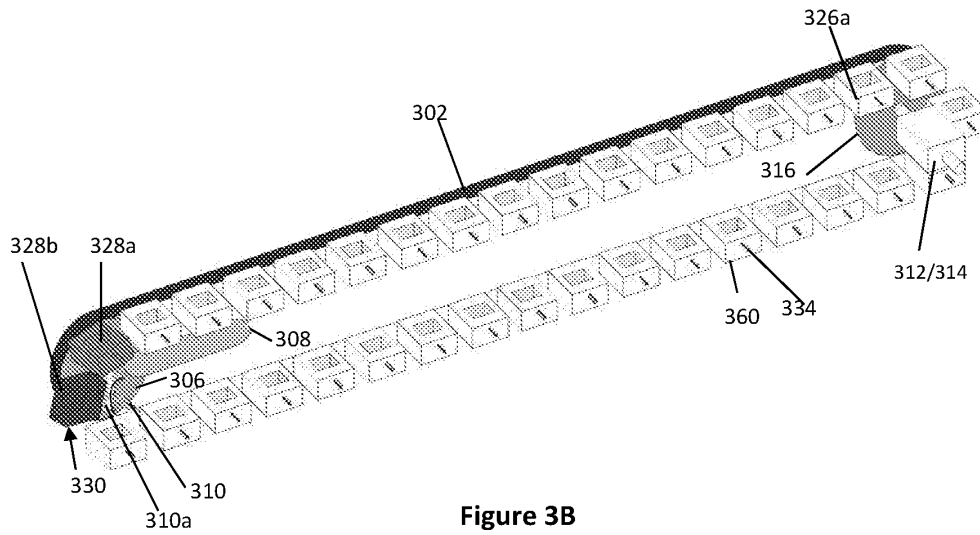


Figure 3B

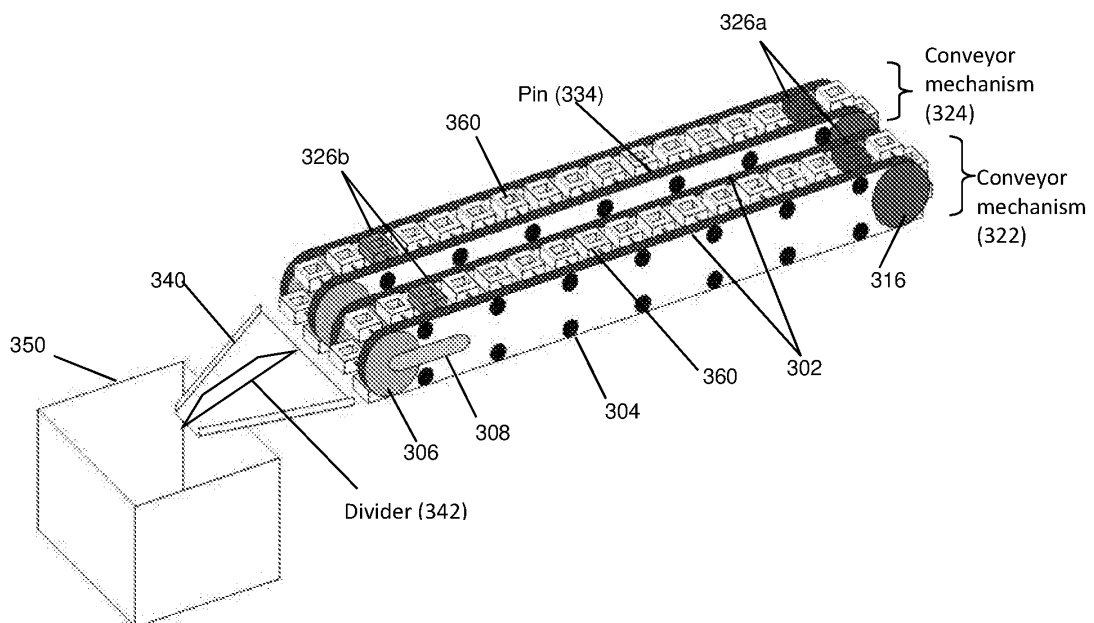


Figure 3C

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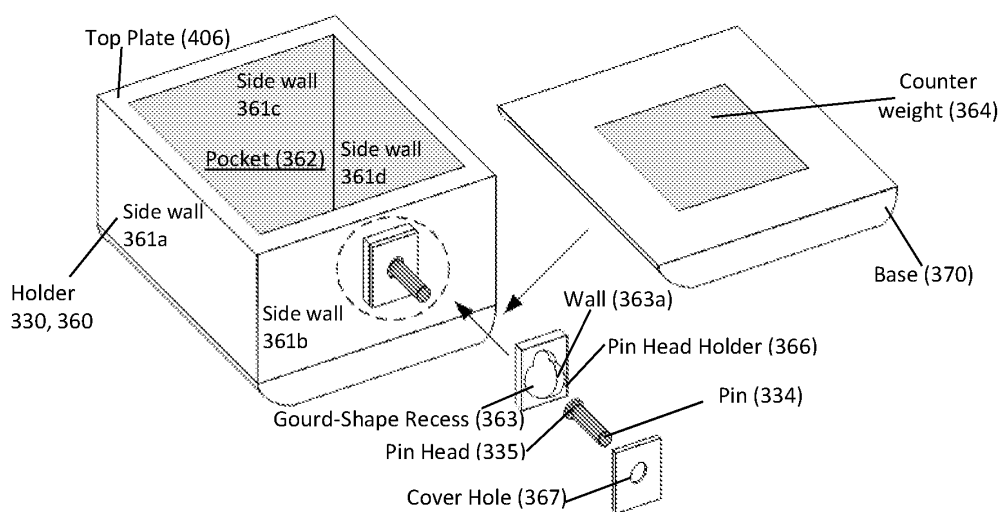


Figure 3D

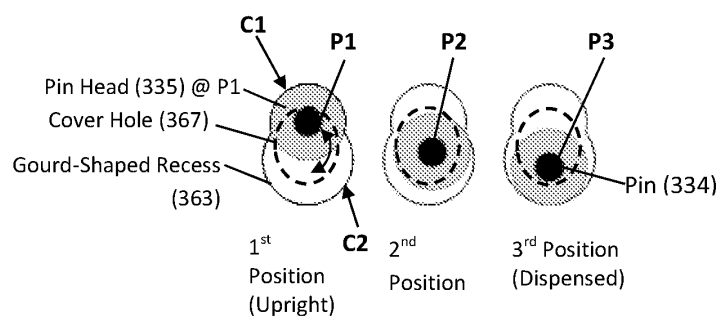


Figure 3E

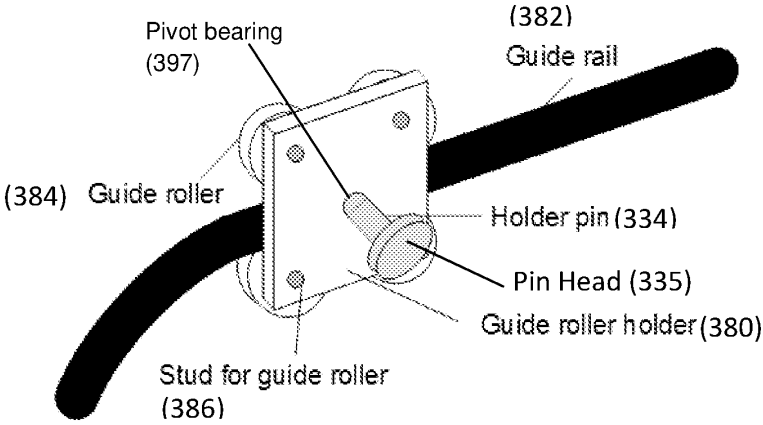
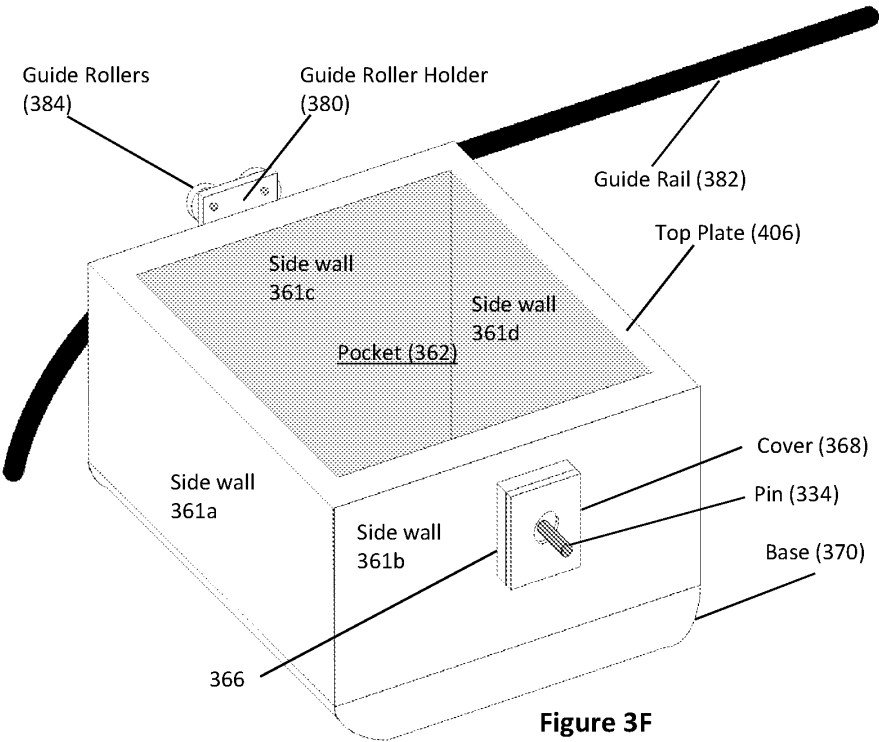
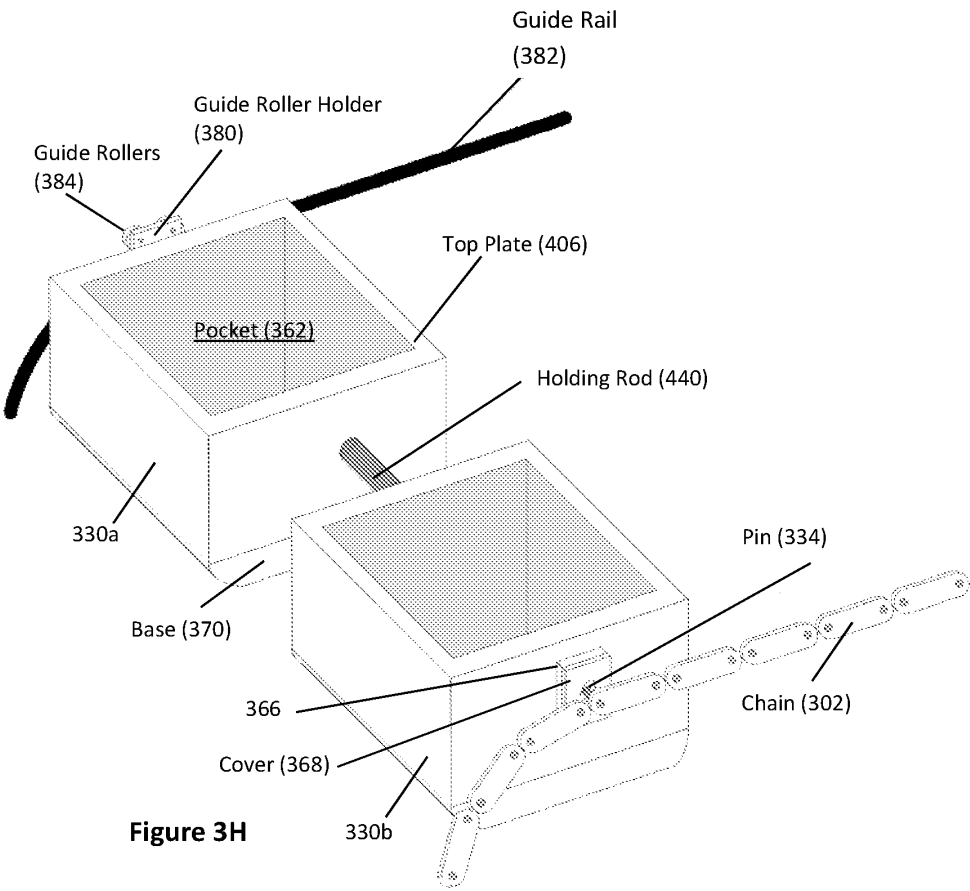


Figure 3G



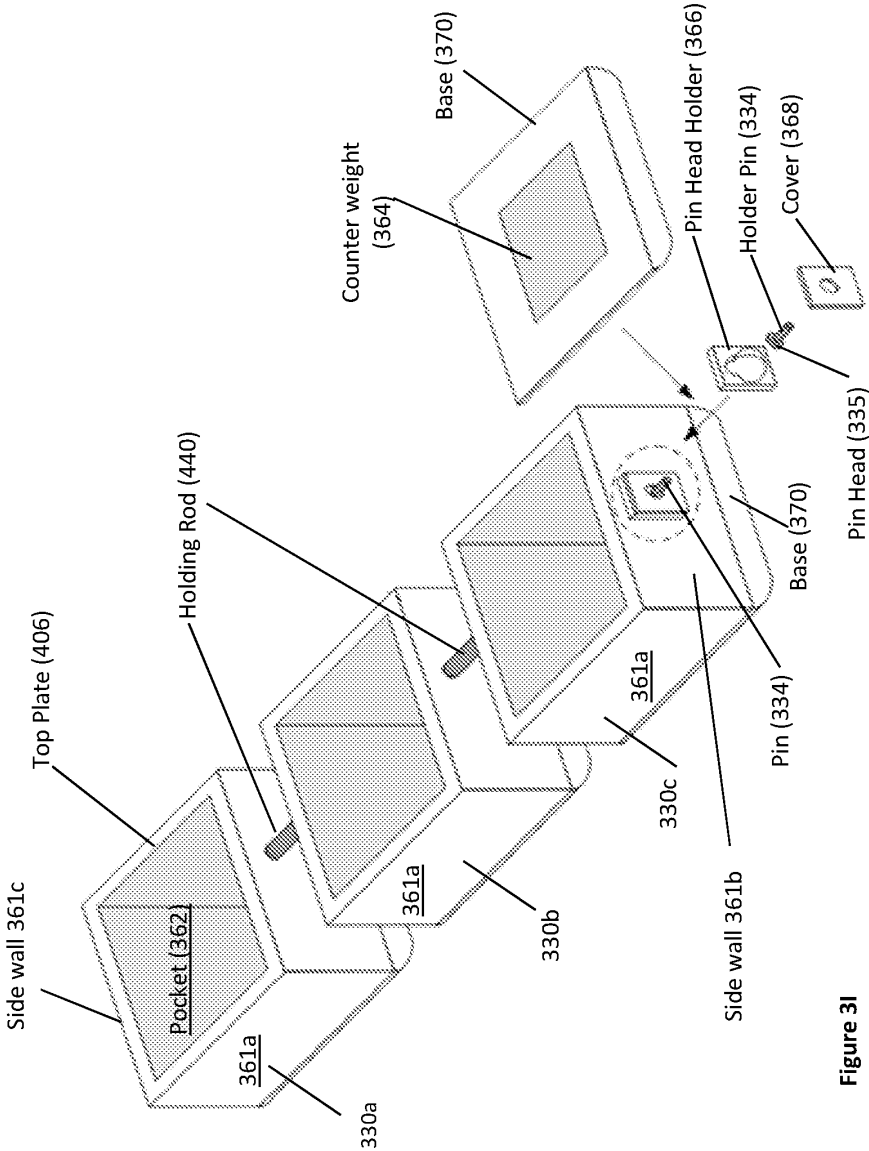


Figure 31

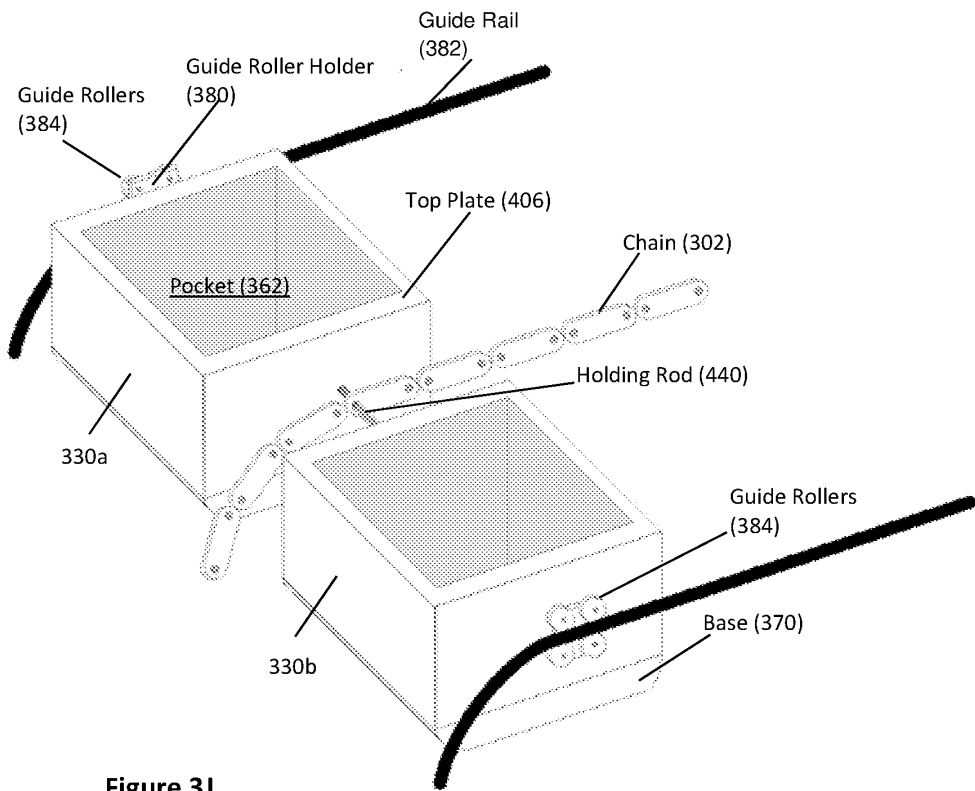


Figure 3J

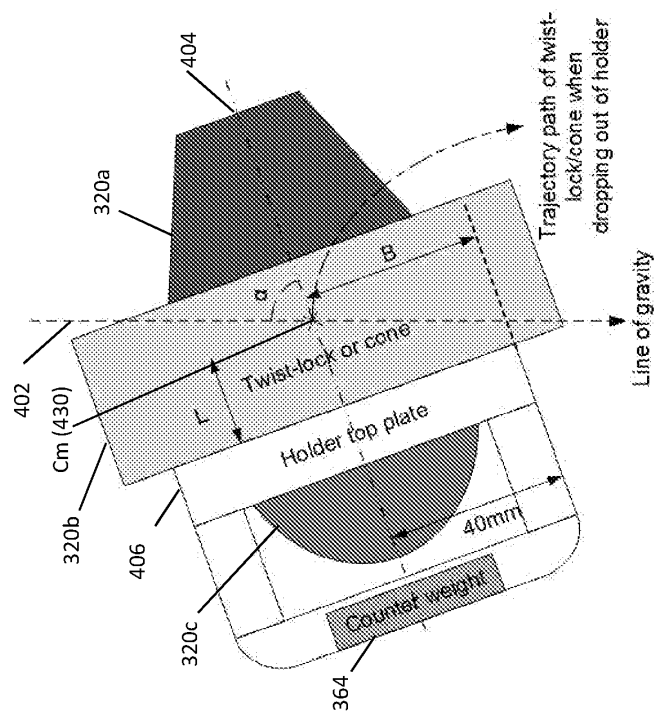


Figure 4B

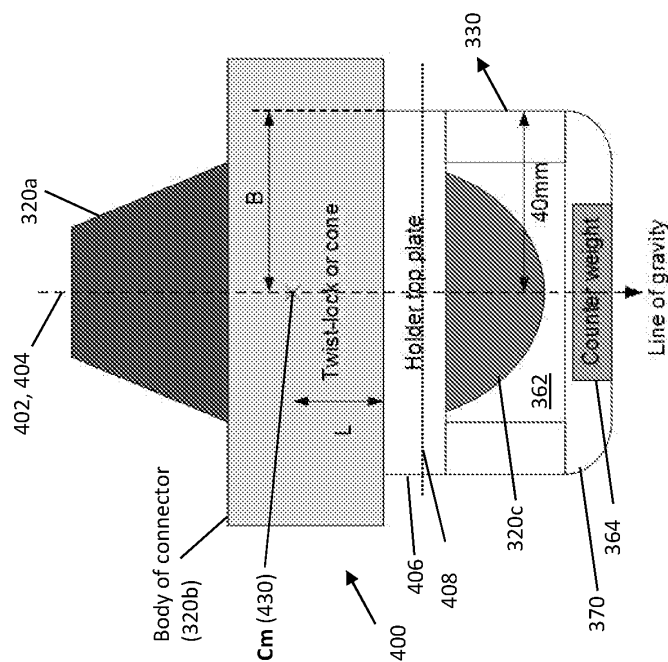


Figure 4A

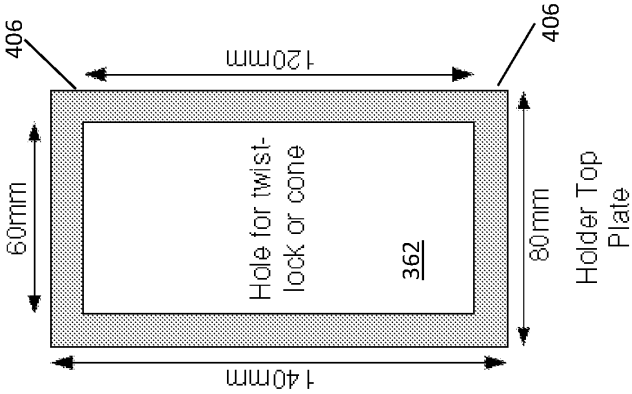


Figure 4C

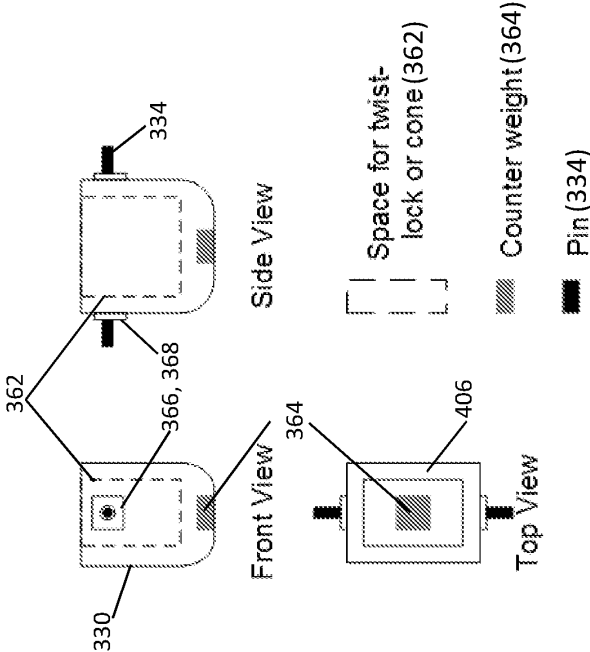


Figure 4D

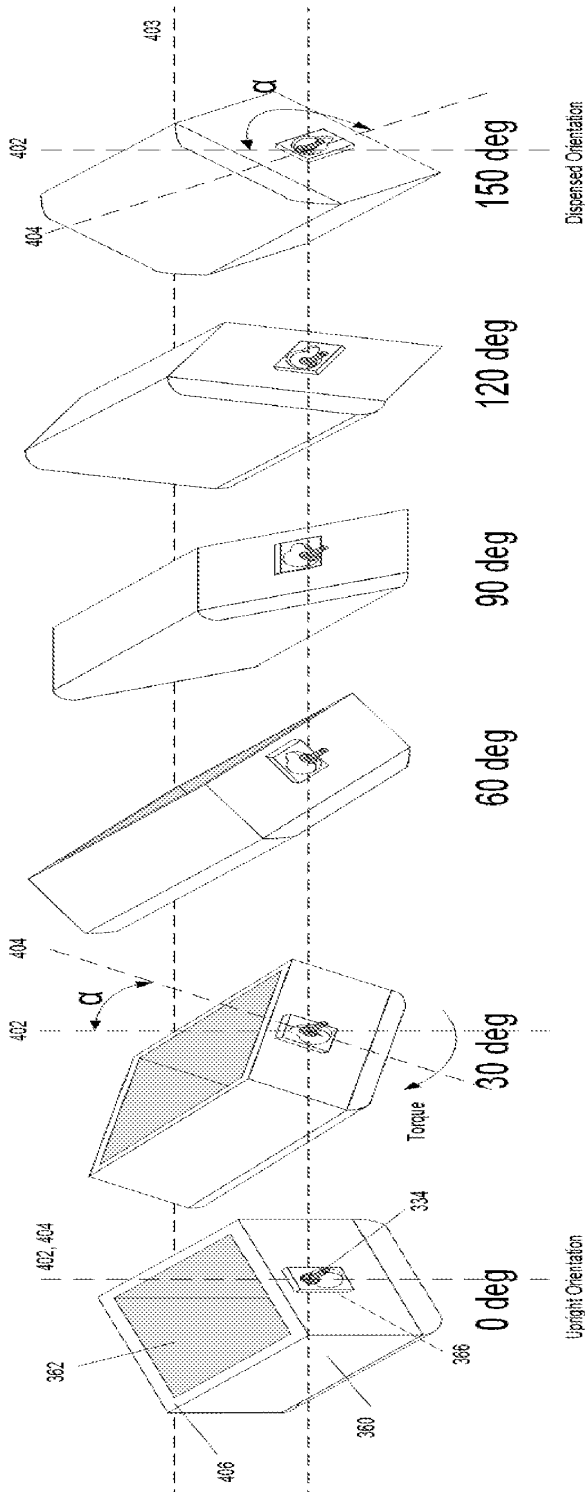


Figure 4E

Twist-lock Orientation and Position in Holder

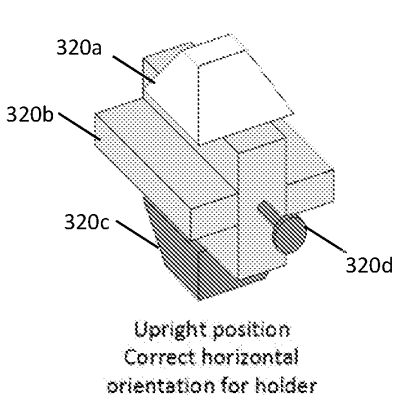


Figure 5A

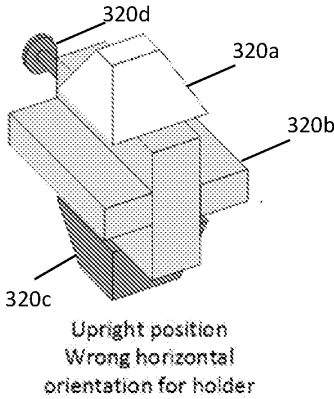


Figure 5C

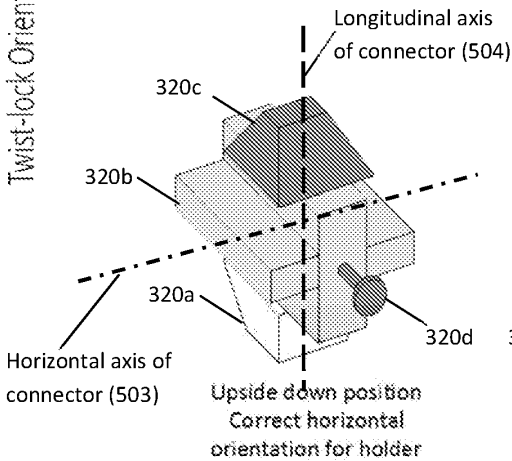


Figure 5B

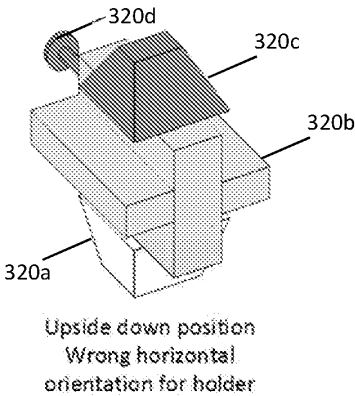


Figure 5D

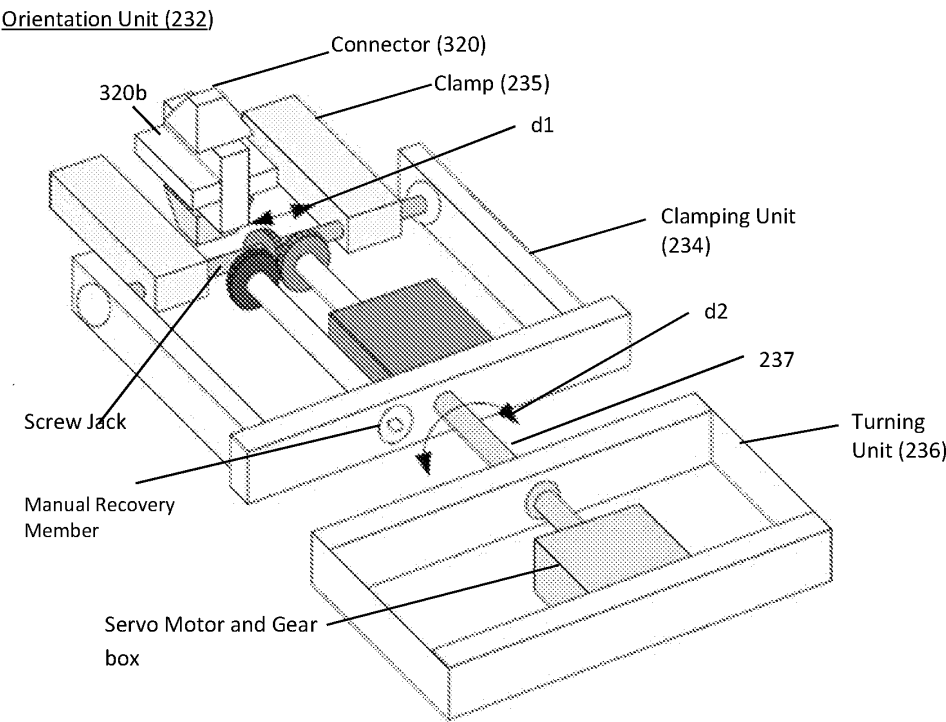


Figure 5E

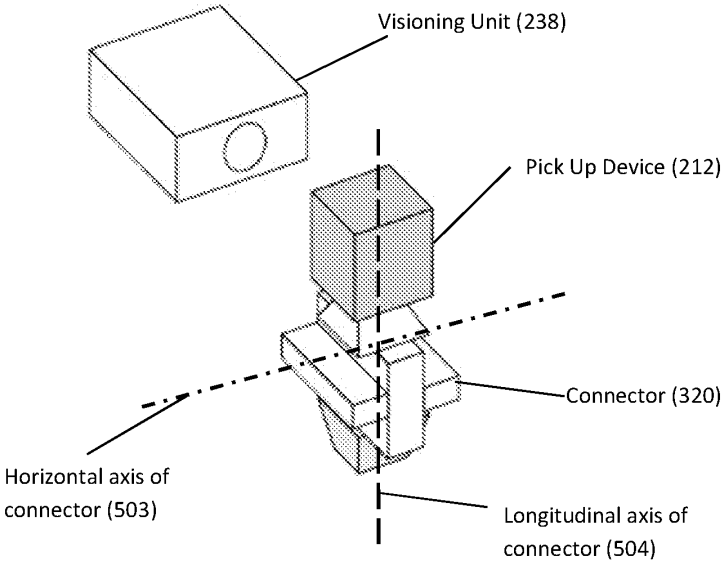


Figure 5F

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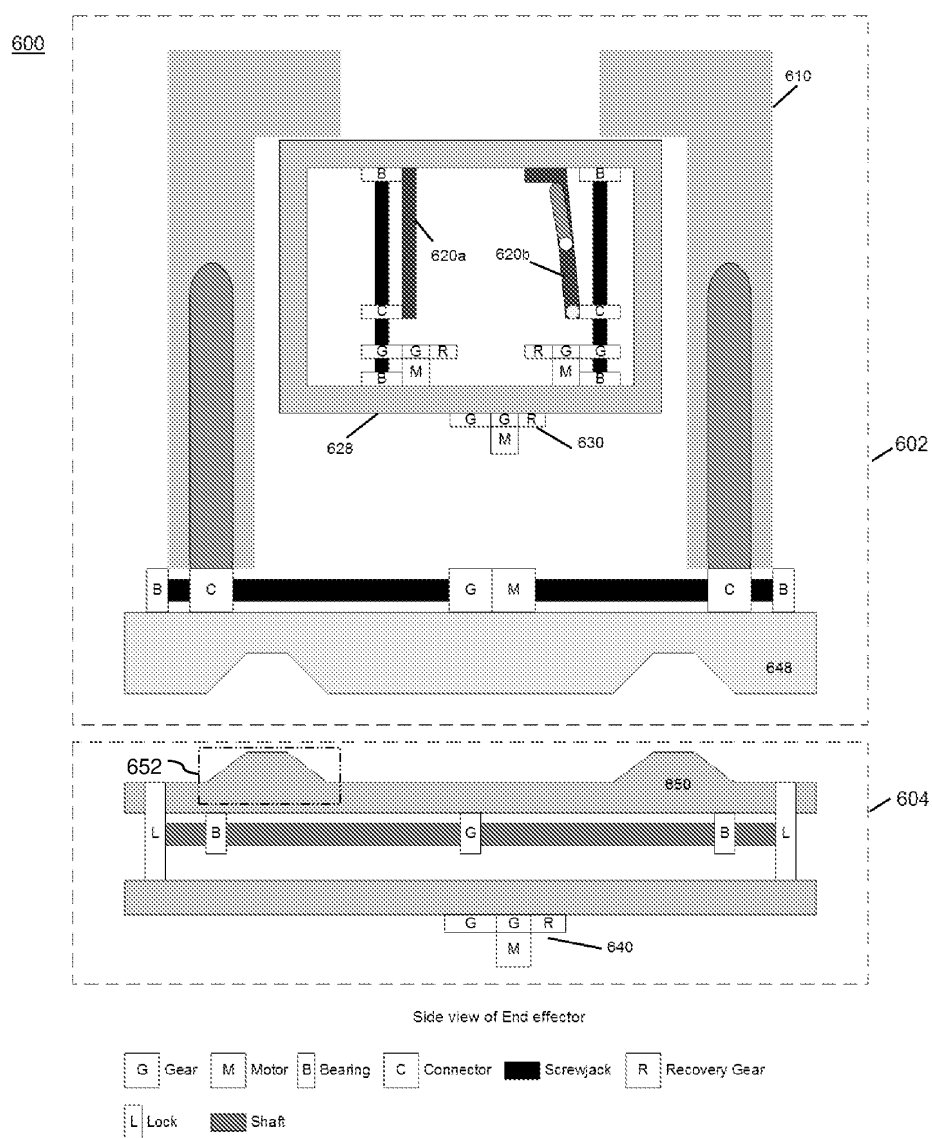


Figure 6A

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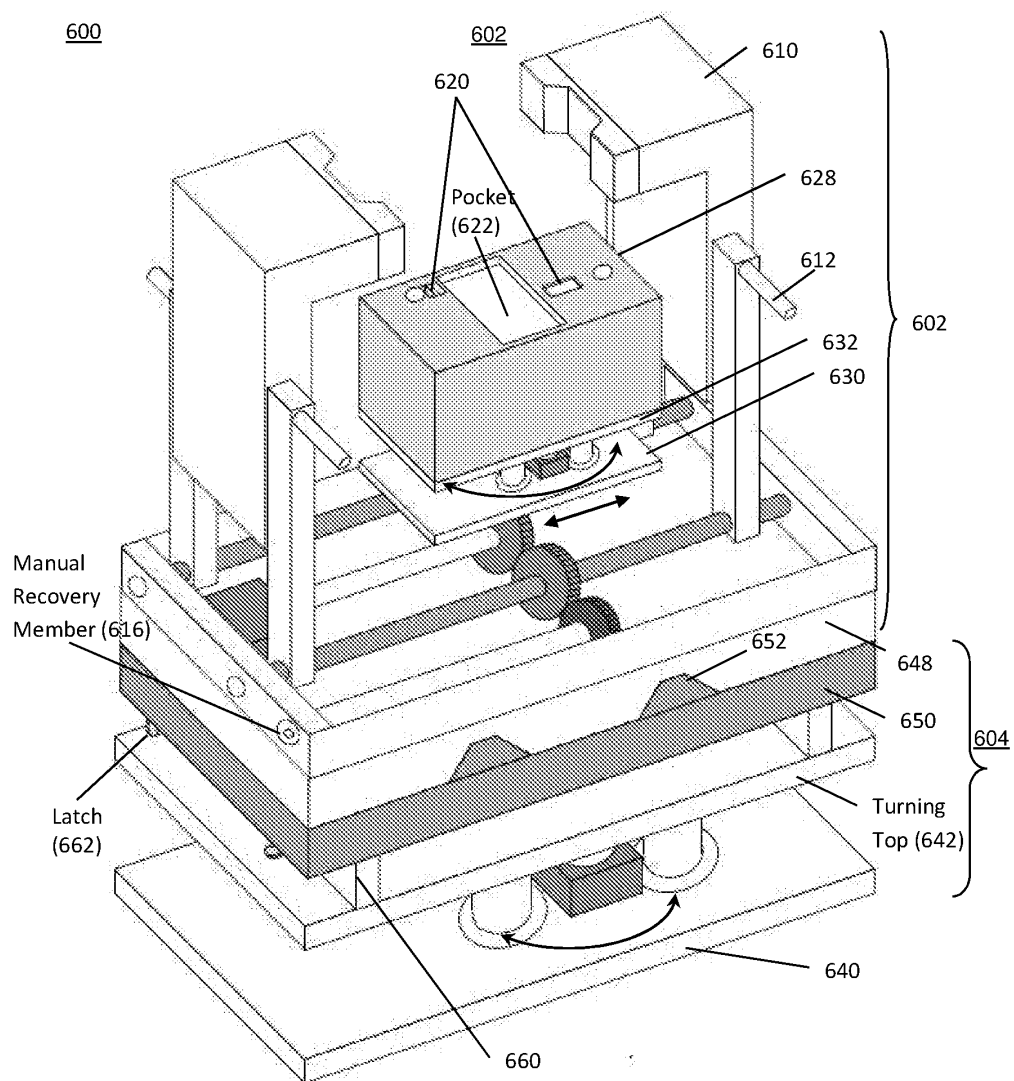


Figure 6B

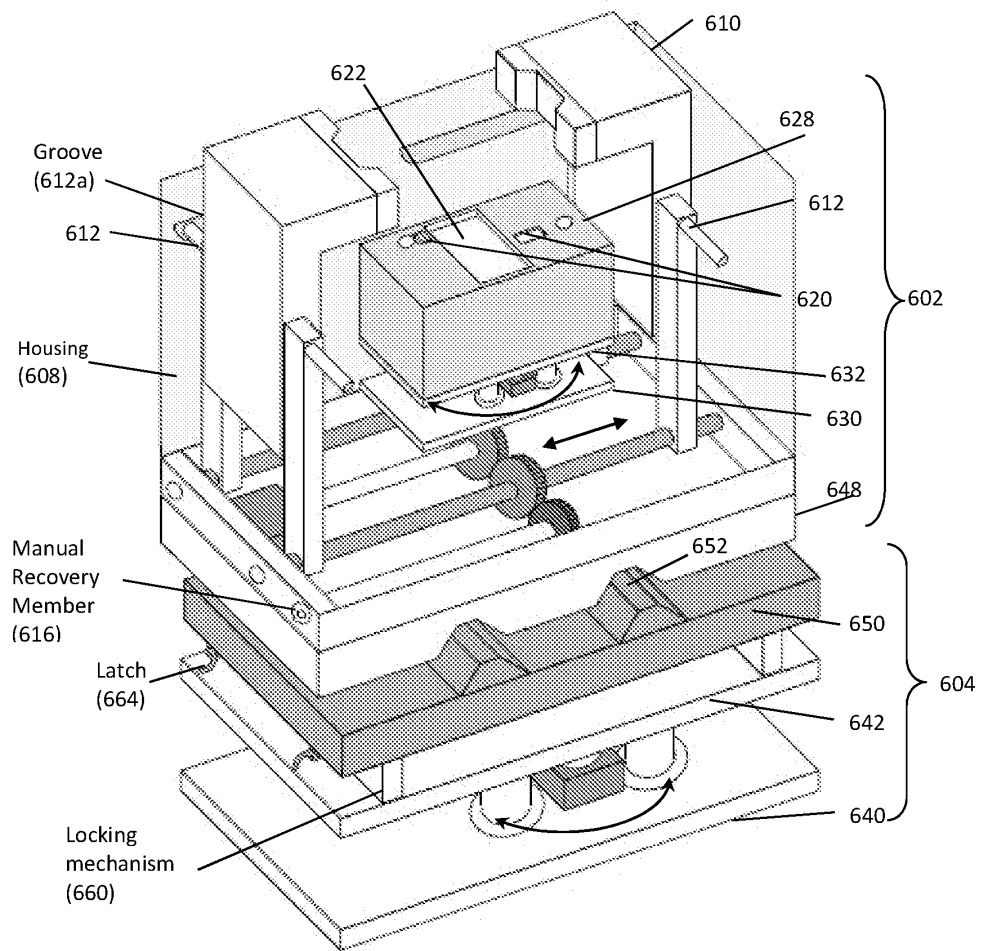


Figure 6C

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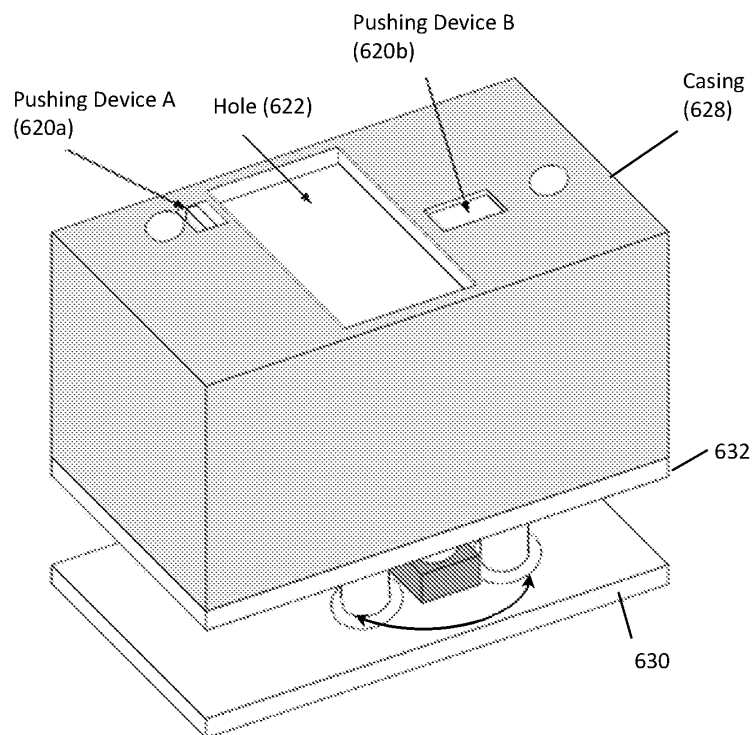


Figure 6D

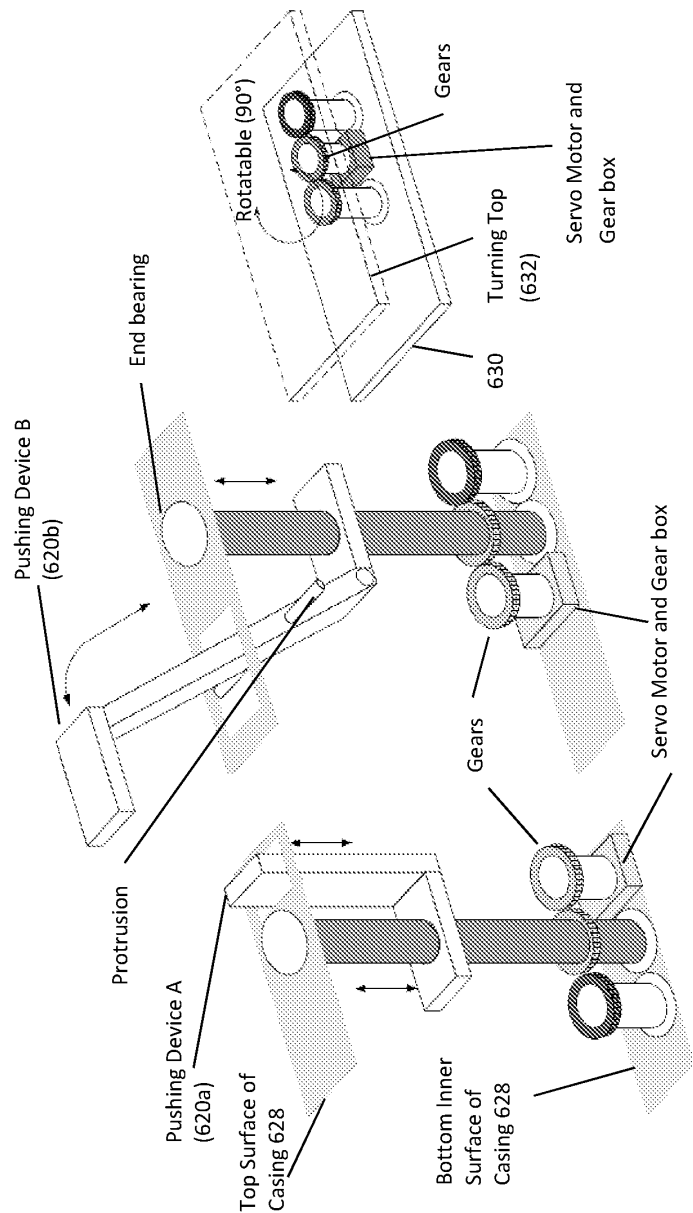


Figure 6G (90°)

Figure 6F

Figure 6E

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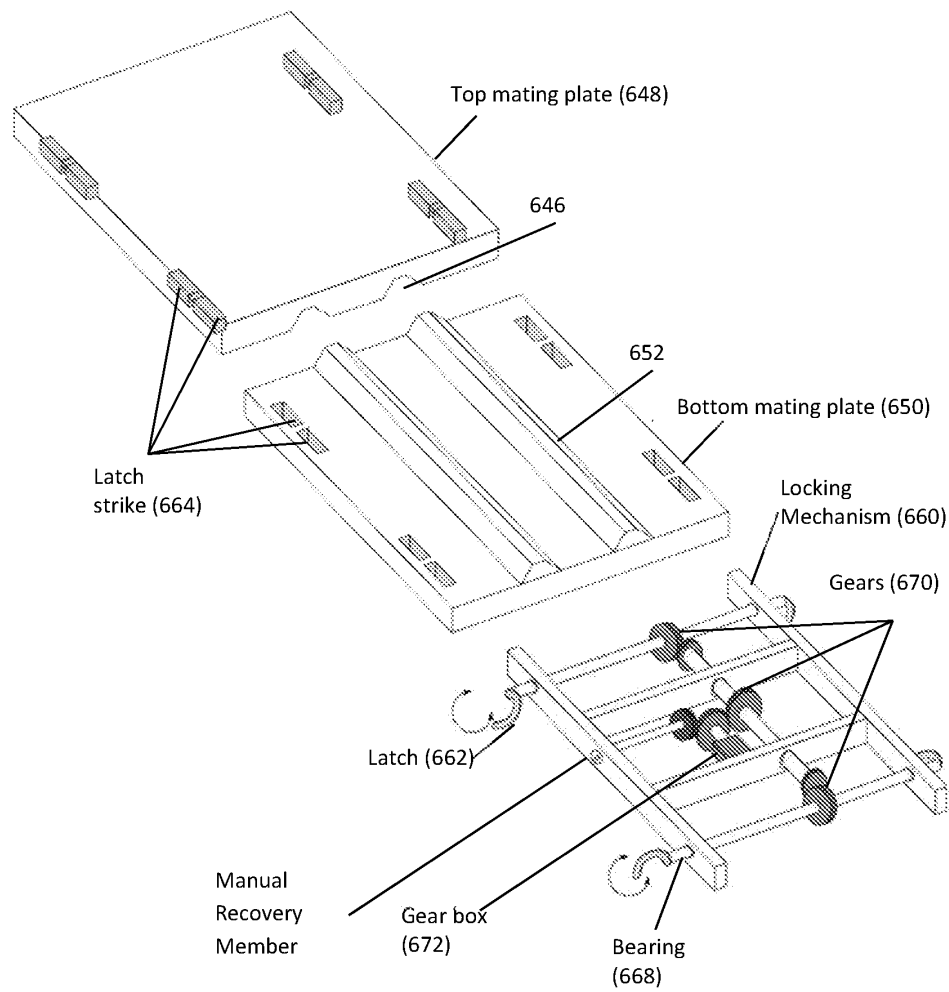


Figure 6H

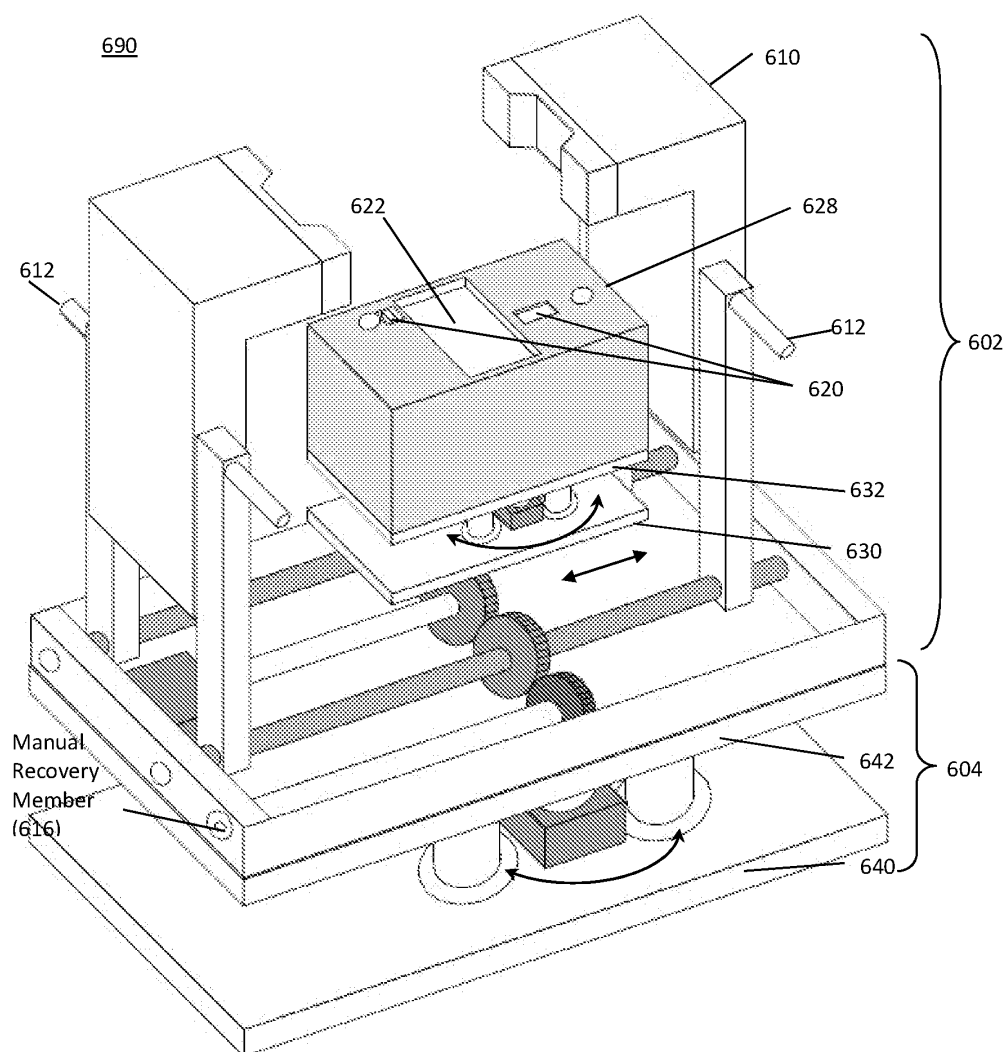
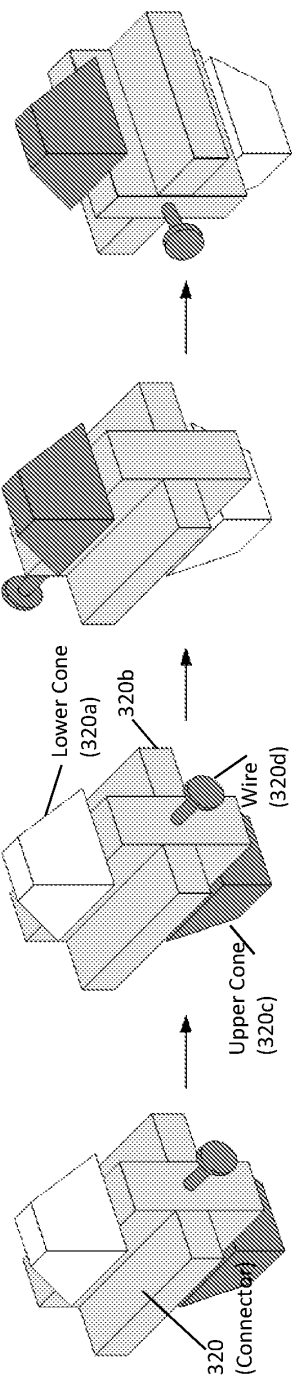
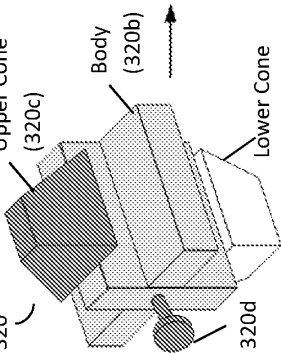


Figure 6I



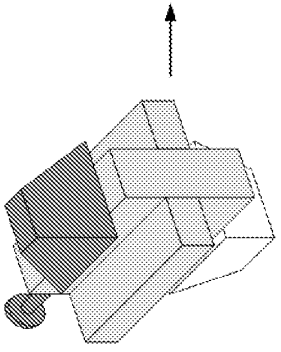
Twist-lock in holder

Figure 7A



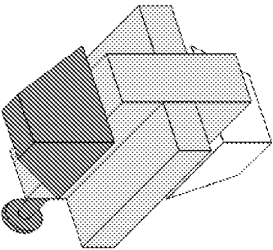
Twist-lock taken out of holder by end effector (end effector in upside down orientation)

Figure 7B



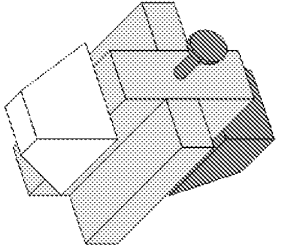
End effector in upright position ready to put twist-lock into holder

Figure 7C



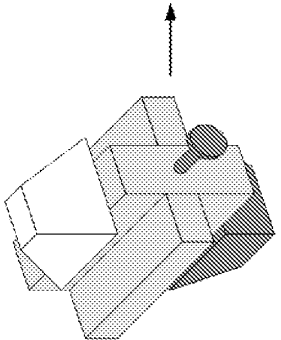
Twist-lock inside corner casting (turned 90 degrees).

Figure 7D



Twist-lock inside holder

Figure 7E



Twist-lock taken out of corner casting by end effector (turned 90 degrees)

Figure 7F

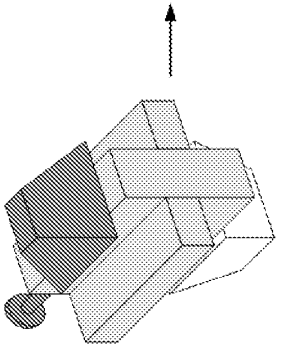
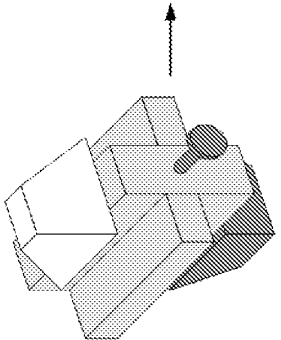
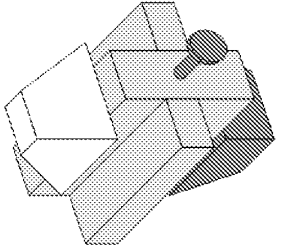


Figure 7G



Twist-lock inside corner casting (turned 90 degrees).

Figure 7H



Twist-lock inside holder

Figure 7I

Figure 8A

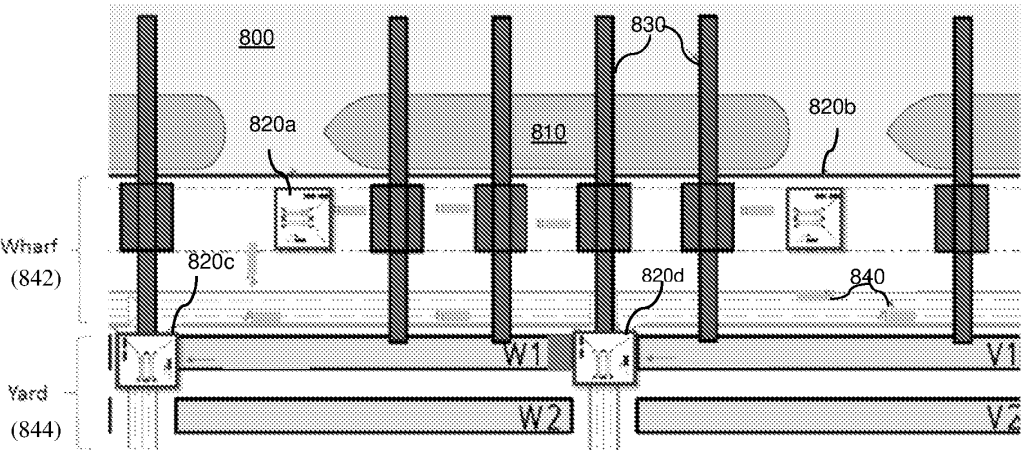


Figure 8B

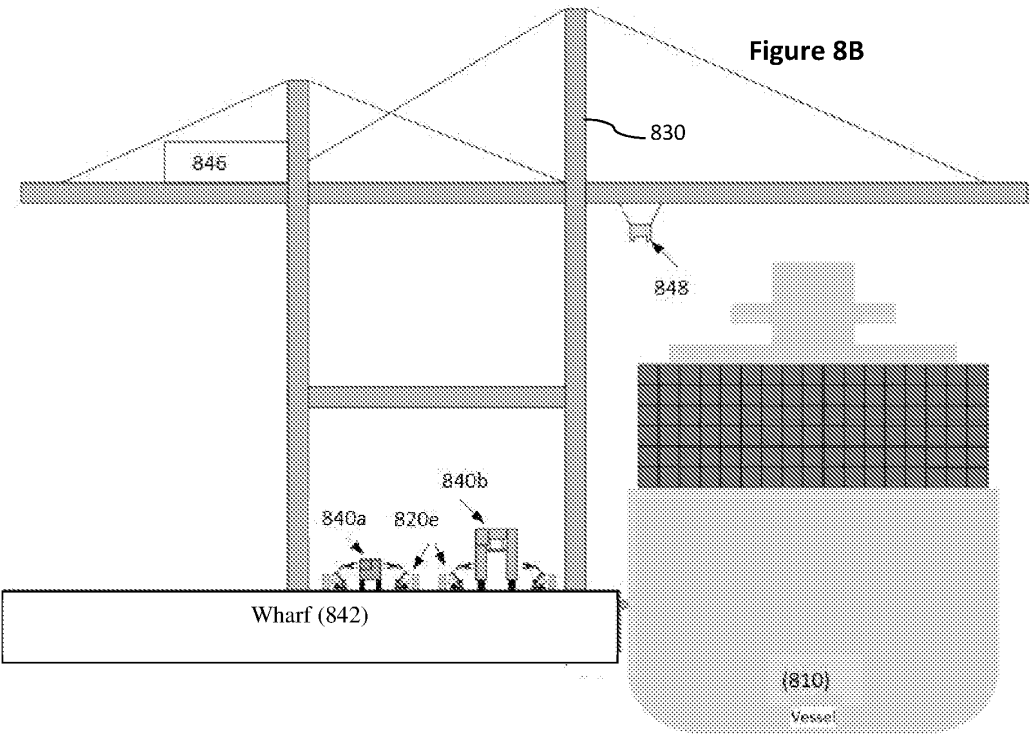


Figure 8C

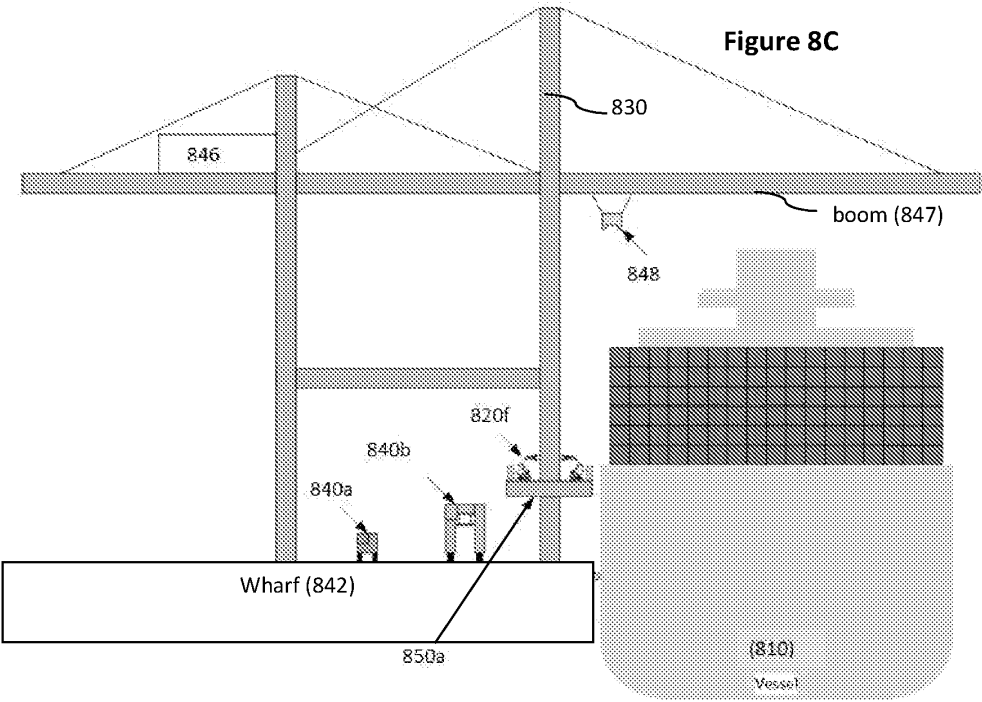
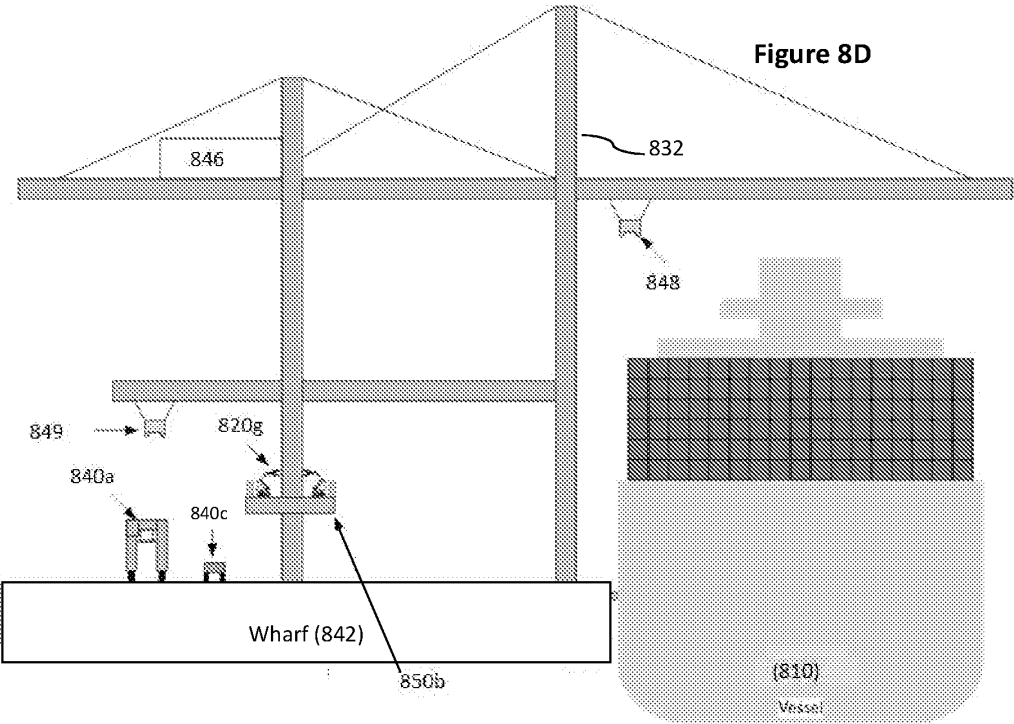
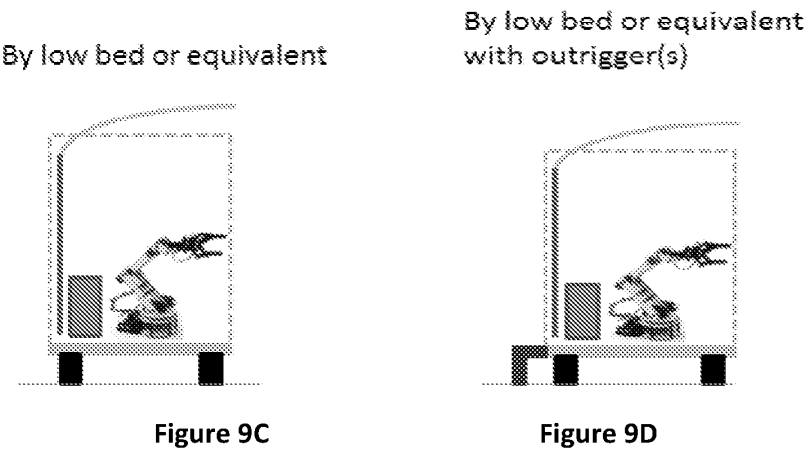
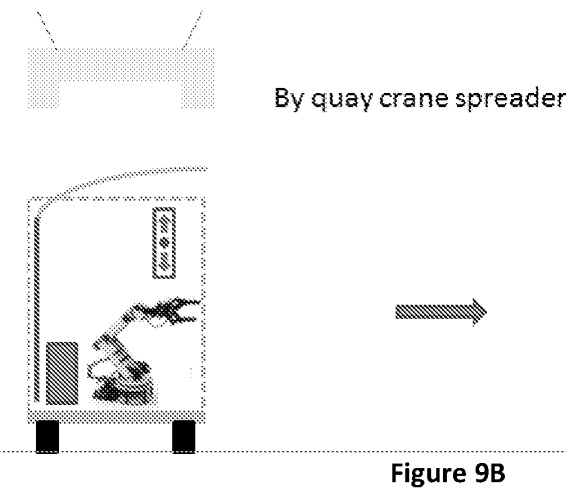
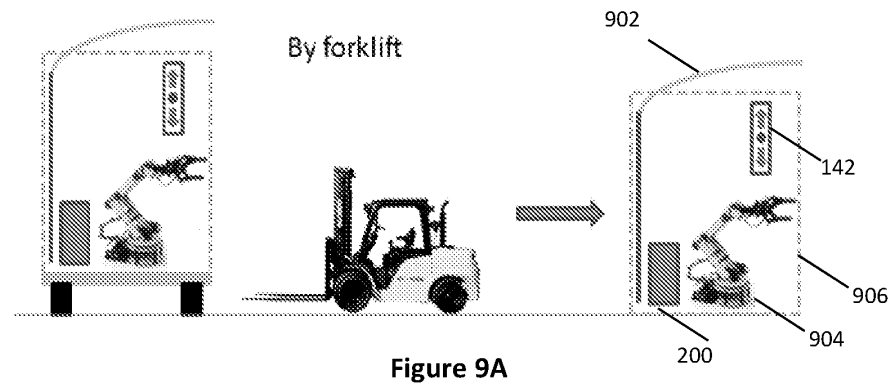


Figure 8D





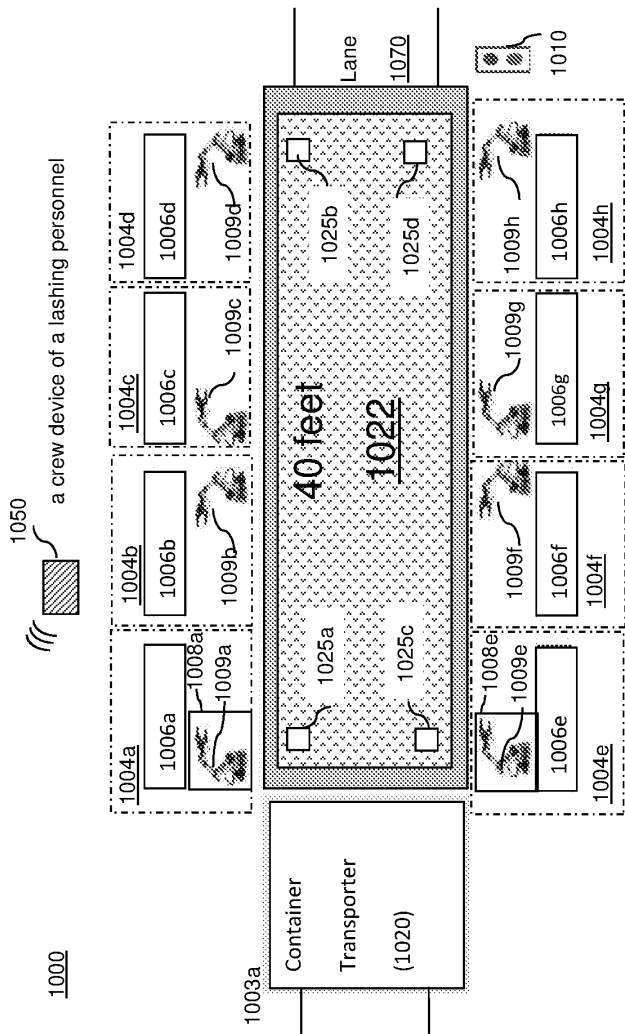


Figure 10

1100

Connector	Location of connector (1100a)		Type/Model of connector (1100b)
	Roller Chain	Holder S/N	
1102	A	1	Twist-lock – C5AM-DF
1104	A	12	Cone – SDL-4
1106	A	2	Empty
1108	B	5	Twist-lock – FA8
1110	B	8	Cone – IS-1T/LF

Figure 11A

1200

Vehicle Number in Queue/Action	No. of Containers/ Size of each respective container	Container Number of each respective container	Type of connector	Model of connector
1234, Coning	2, 20 feet, 20 feet	ABCD1234567, WXYZ9876543	Twist-lock, Twist-lock	C5AM-DF, C5AM-DF
2345, Deconing	1, 40 feet	PQST2345678	Cone	IS-1T/LF
4567, Coning	1, 20 feet, empty	ABCD7654321, Not applicable	Twist-lock, NA	C5AM-DF, NA
5678, 6789, Coning, Coning	1, 1, 20 feet, 20 feet	BCDE1234567, WXYZ9876543	Cone, Twist-lock	IS-1T/LF, C5AM-DF

Figure 11B

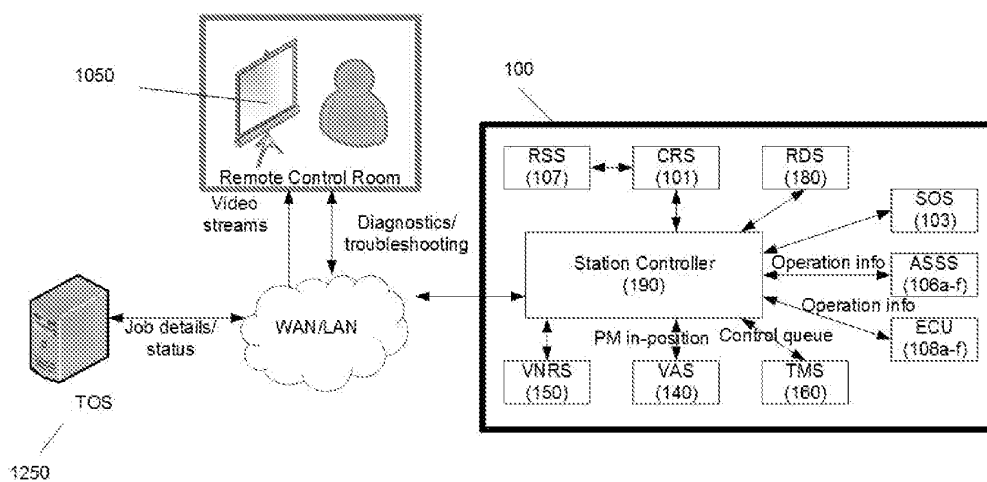


Figure 12A

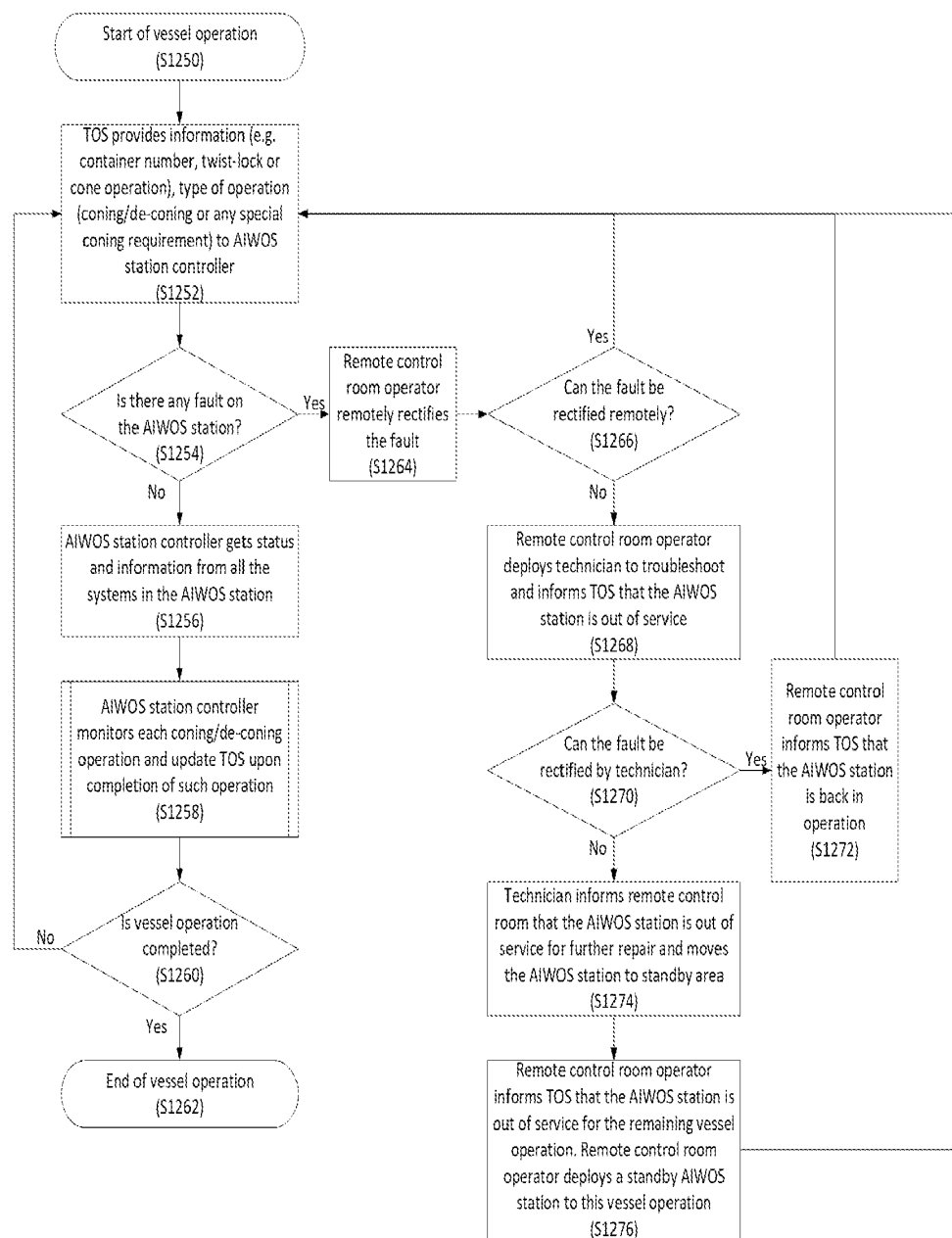


Figure 12B (AIWOS System Workflow)

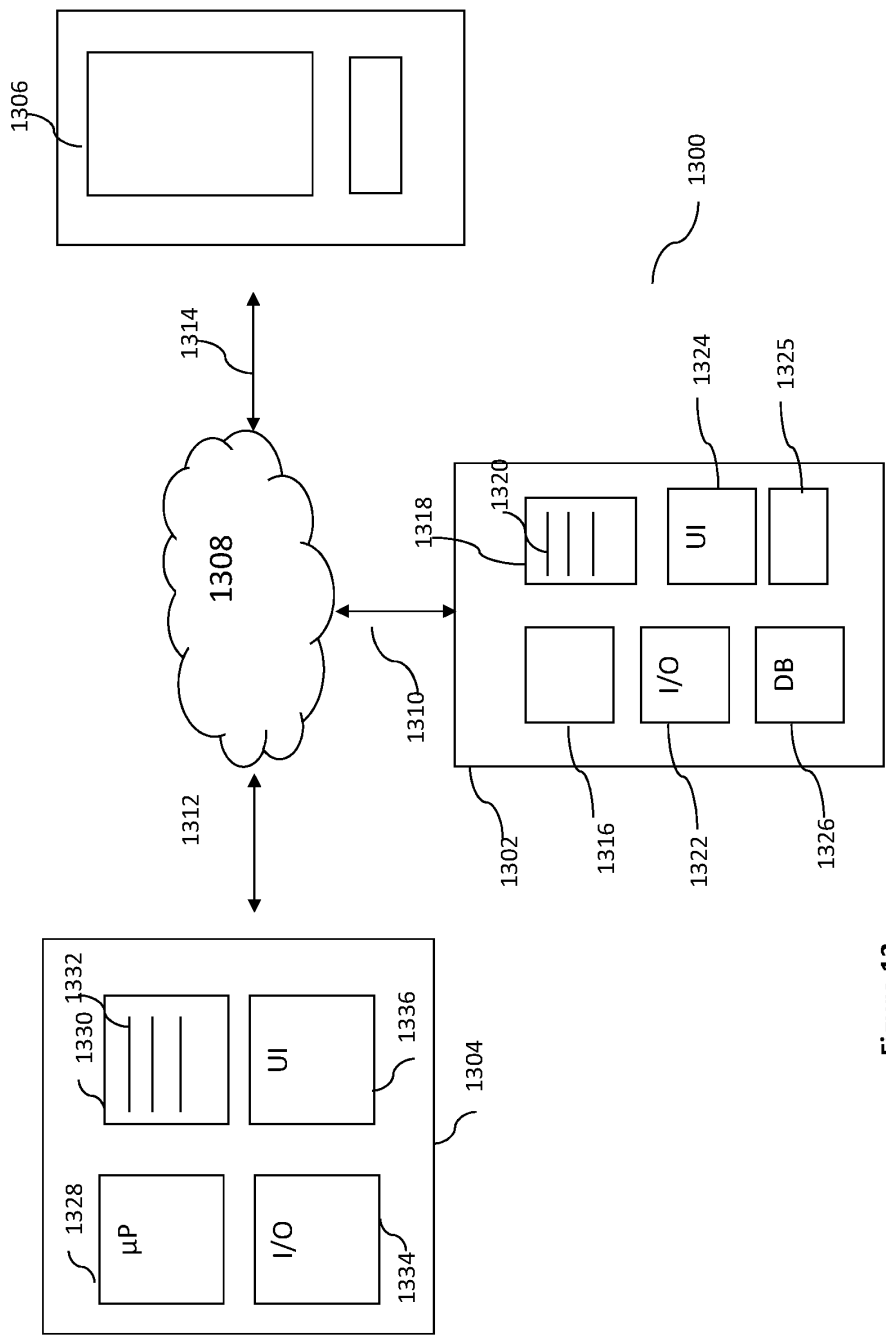


Figure 13

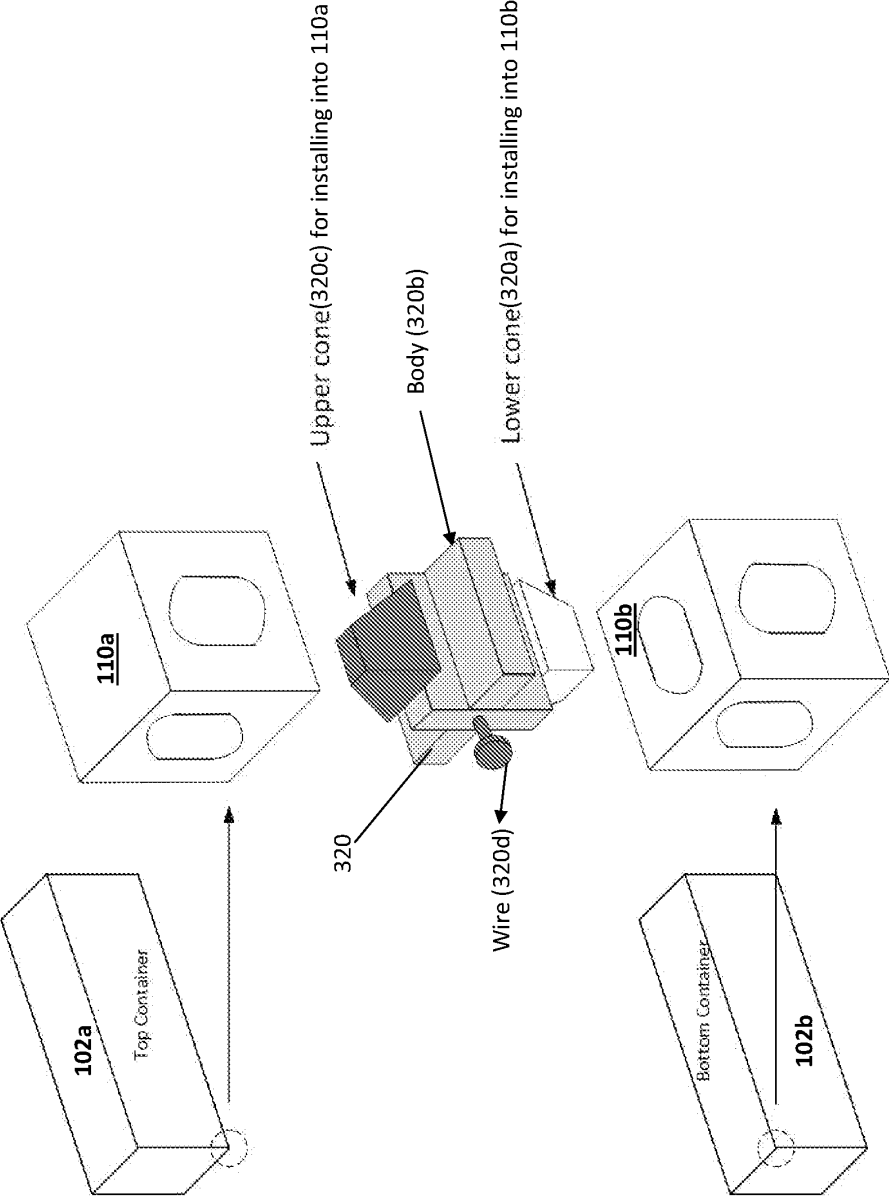


Figure 14

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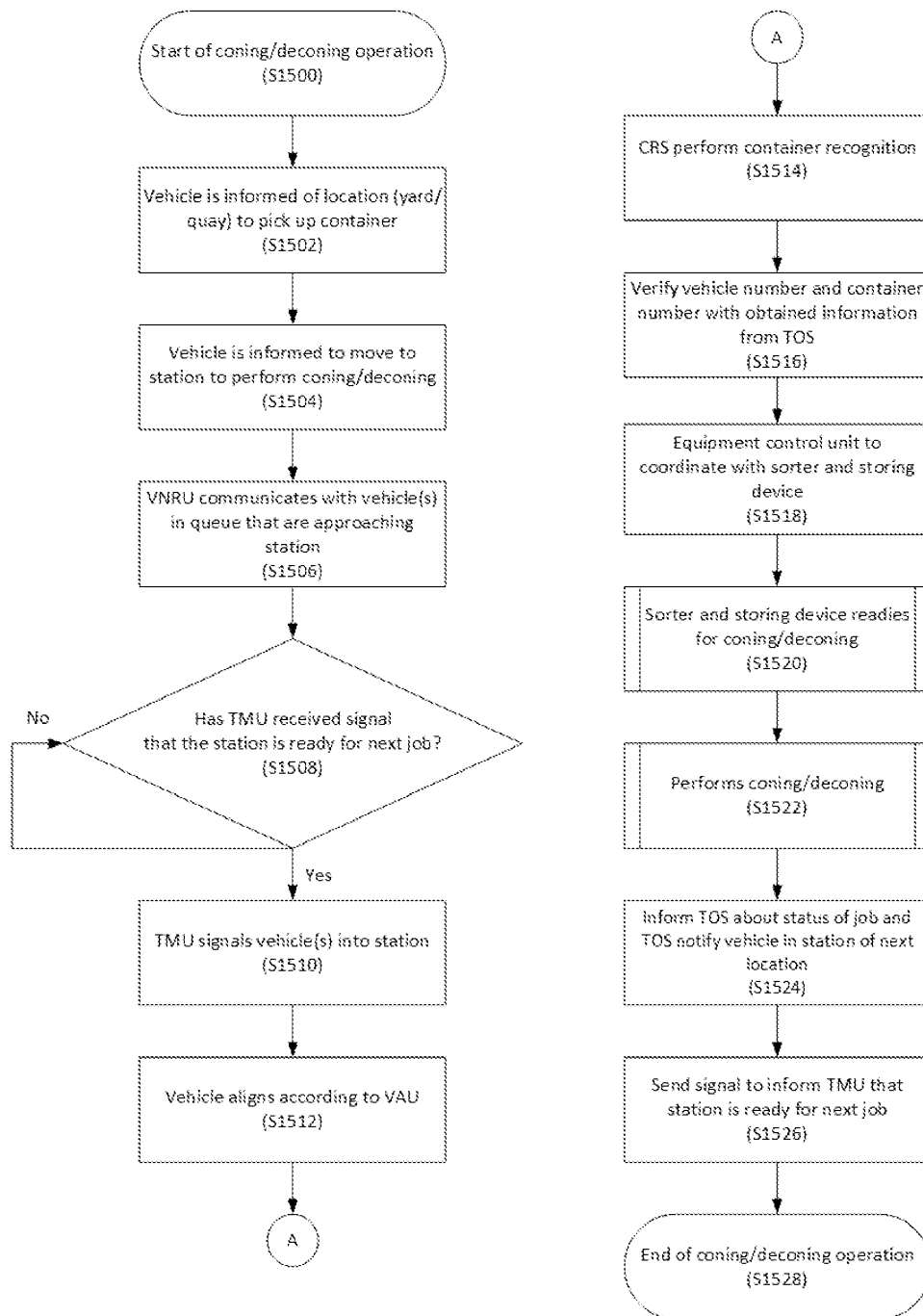
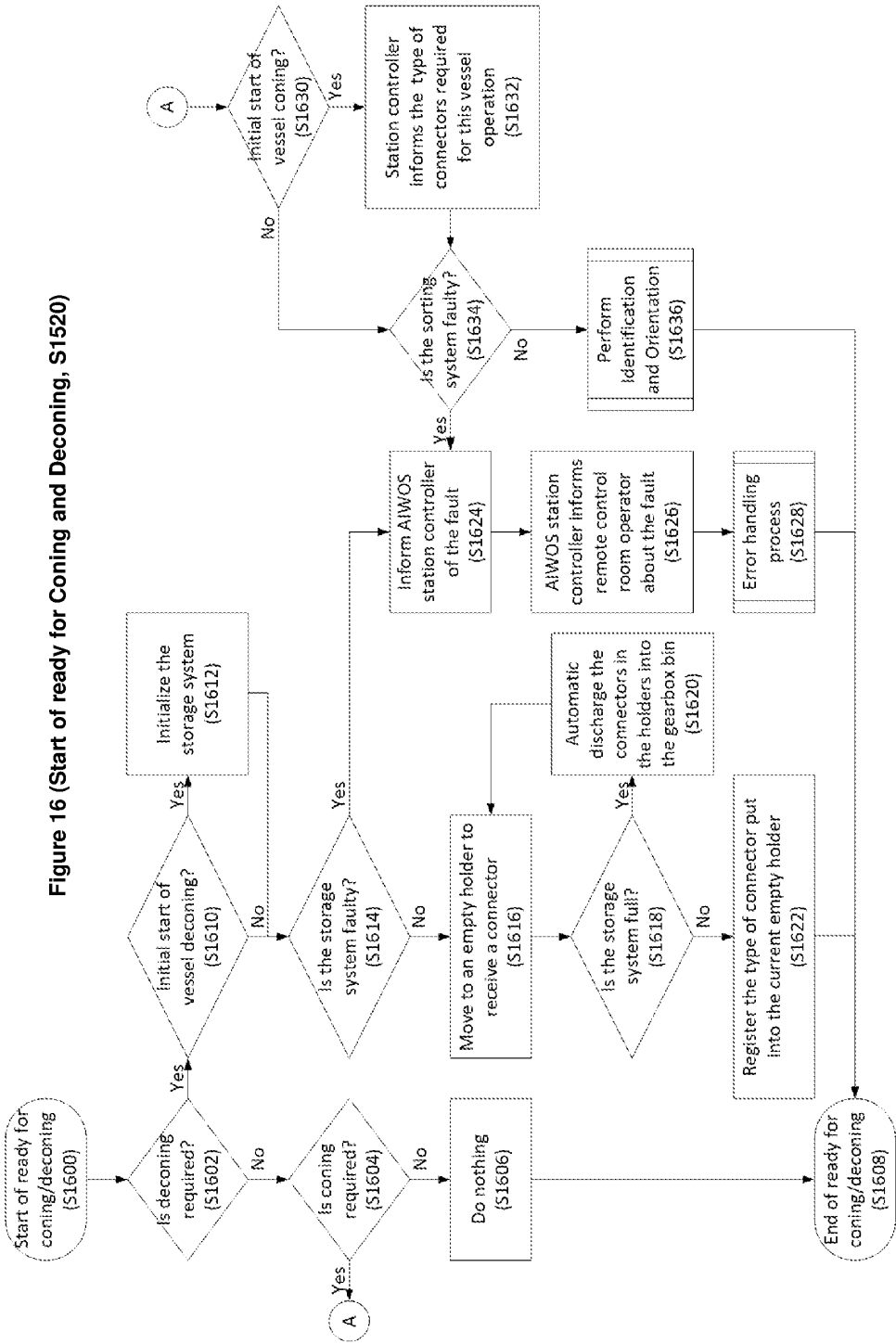


Figure 15 (S1258)



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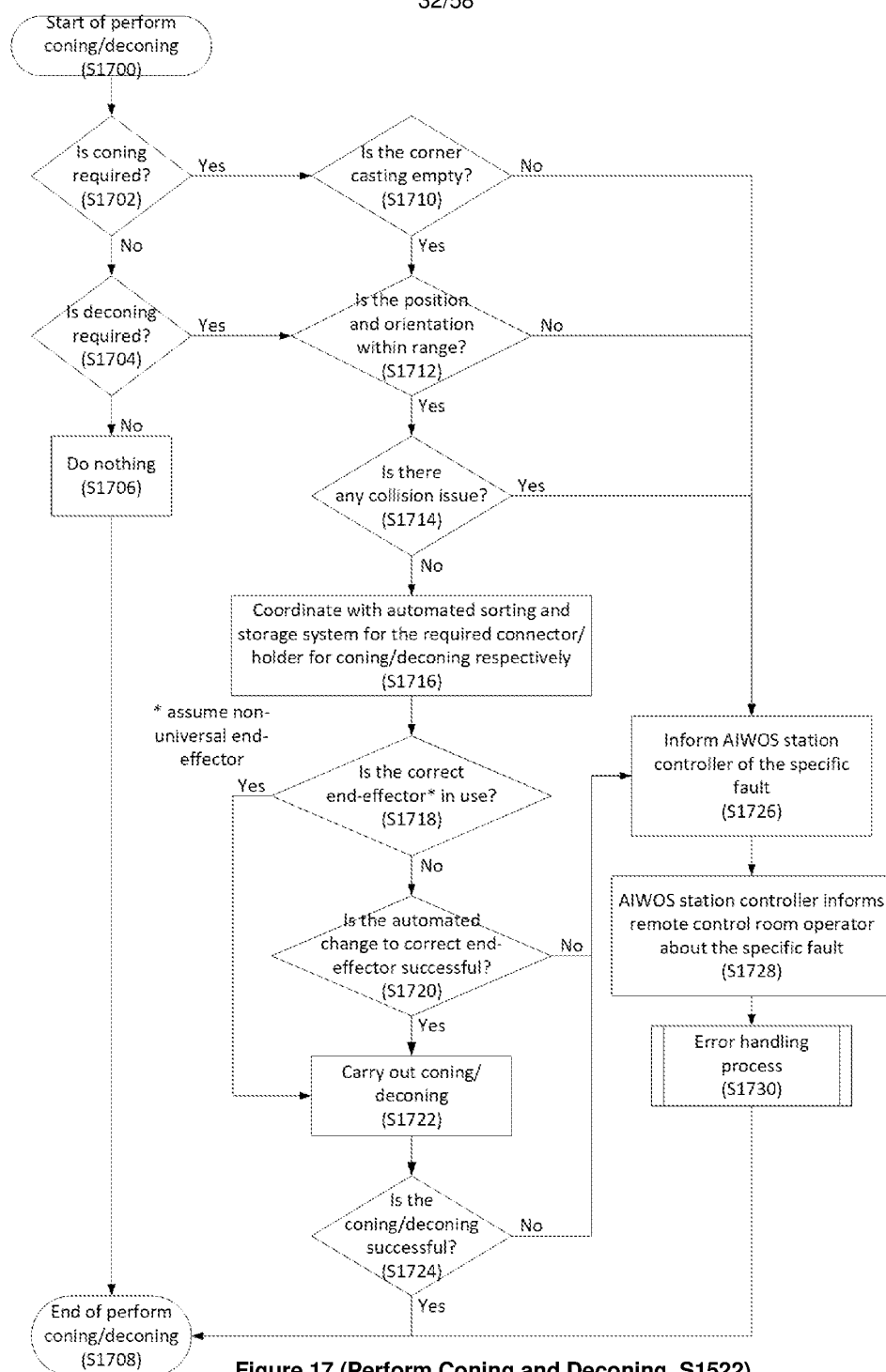


Figure 17 (Perform Coning and Deconing, S1522)

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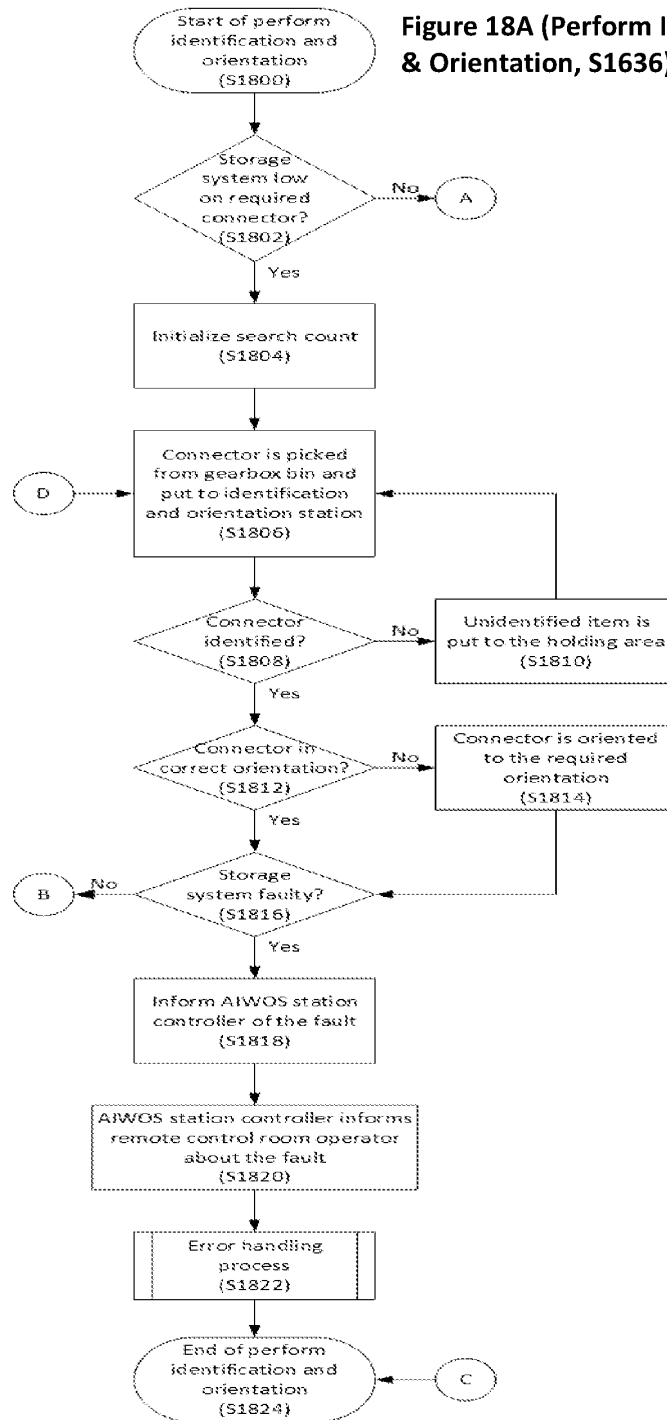
Figure 18A (Perform Identification & Orientation, S1636)

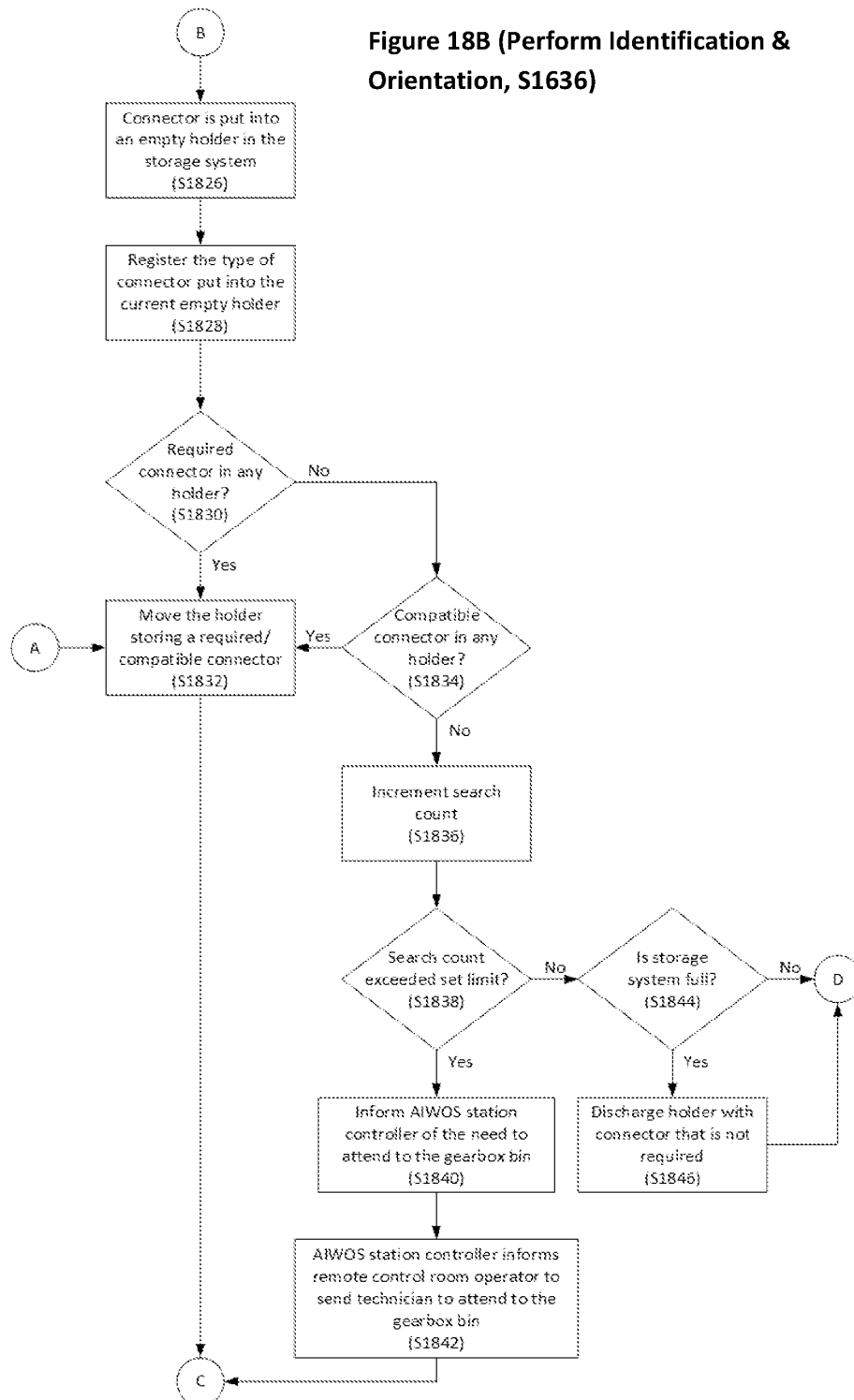
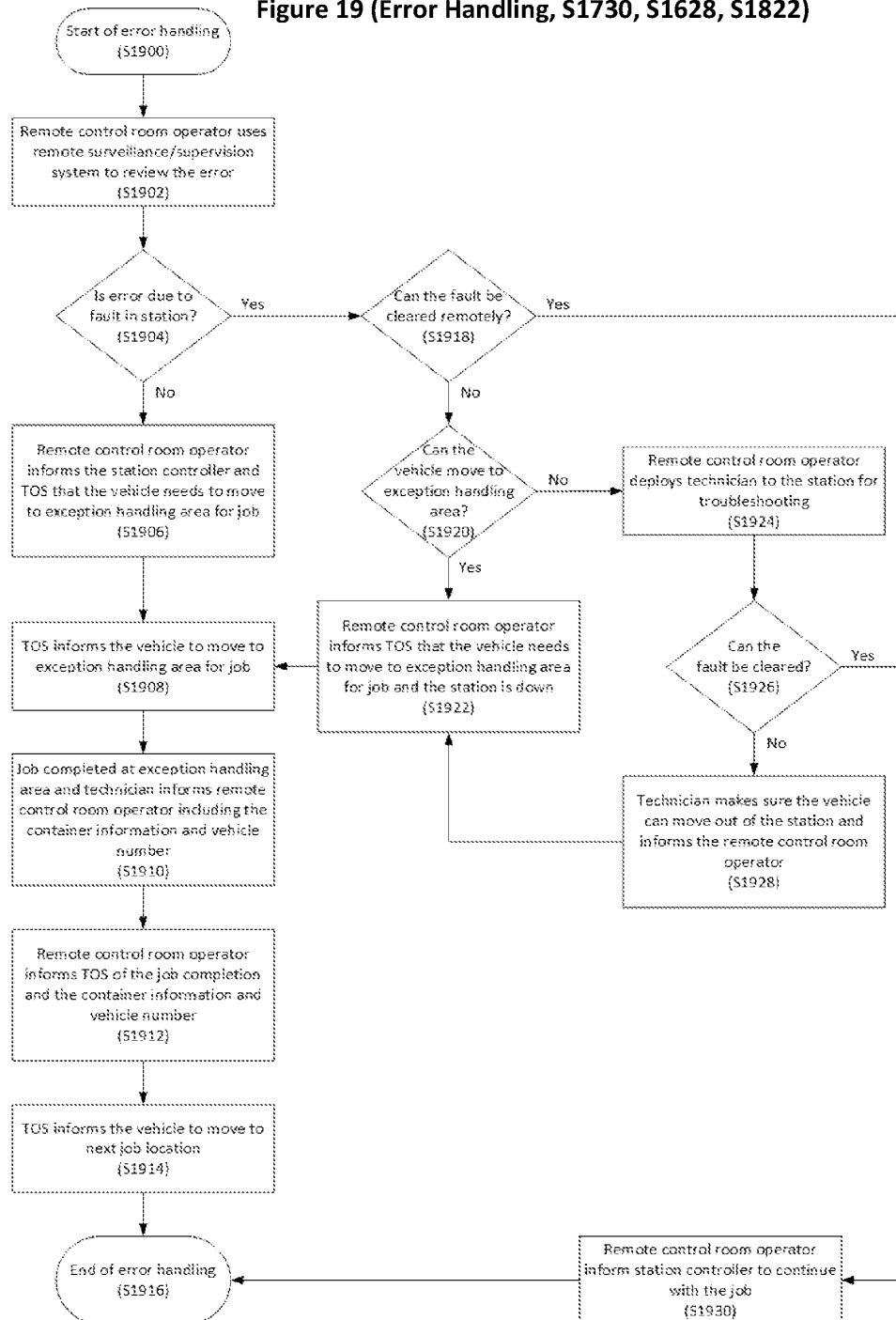
Figure 18B (Perform Identification & Orientation, S1636)

Figure 19 (Error Handling, S1730, S1628, S1822)



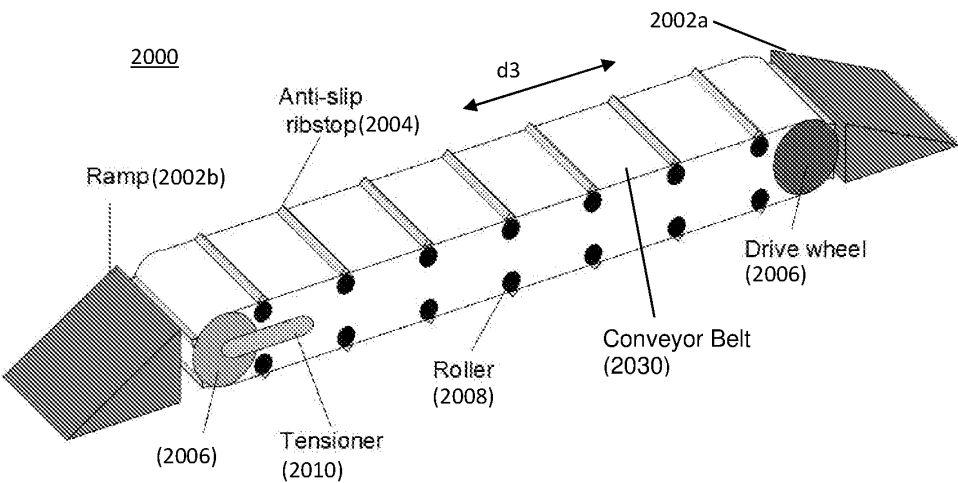


Figure 20

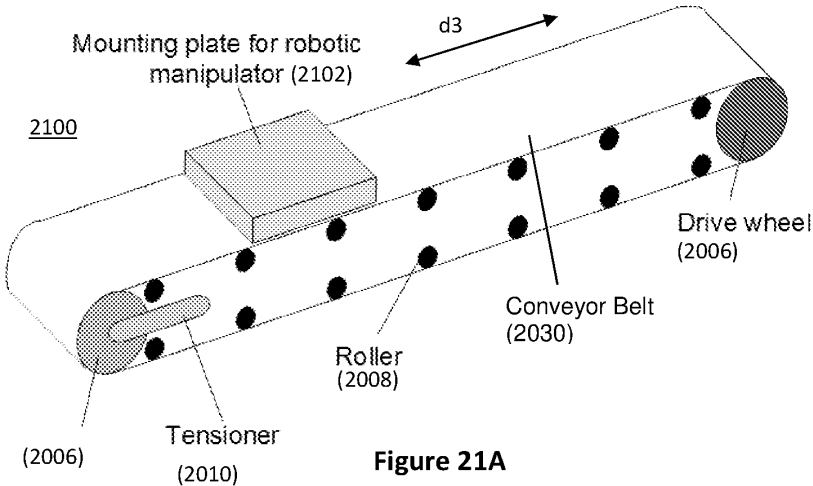


Figure 21A

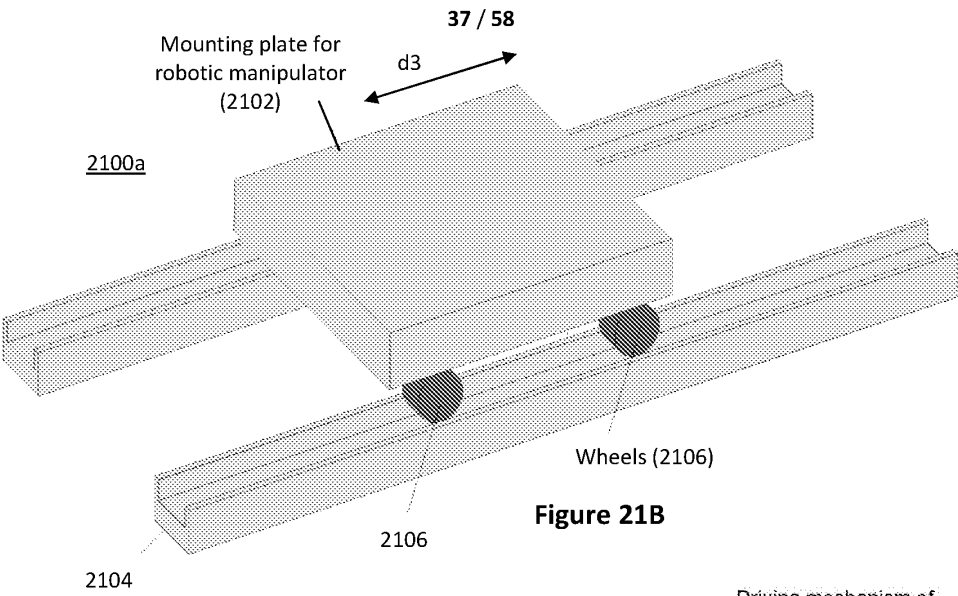


Figure 21B

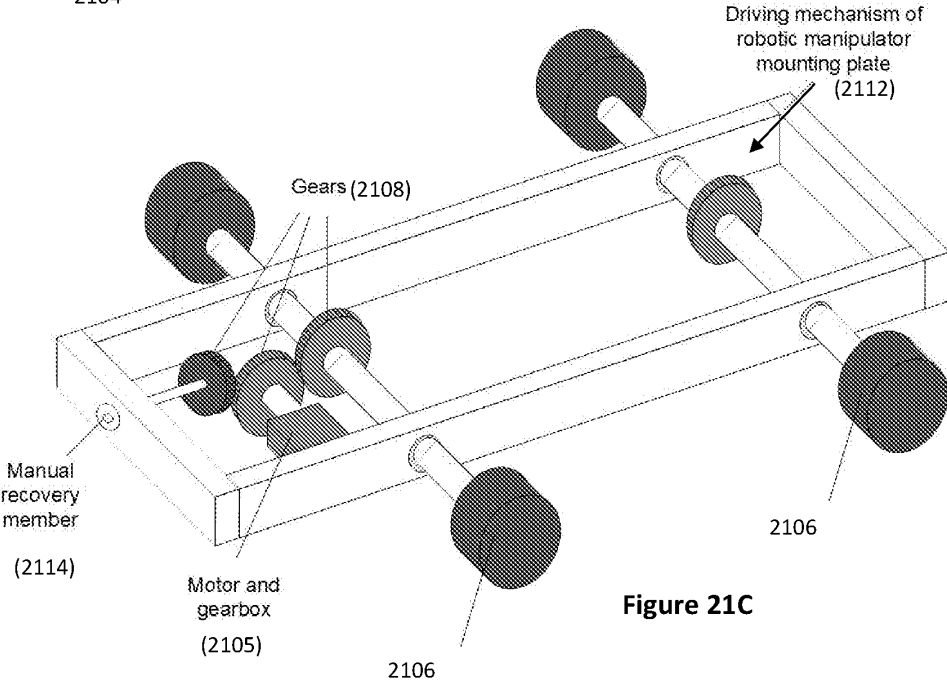
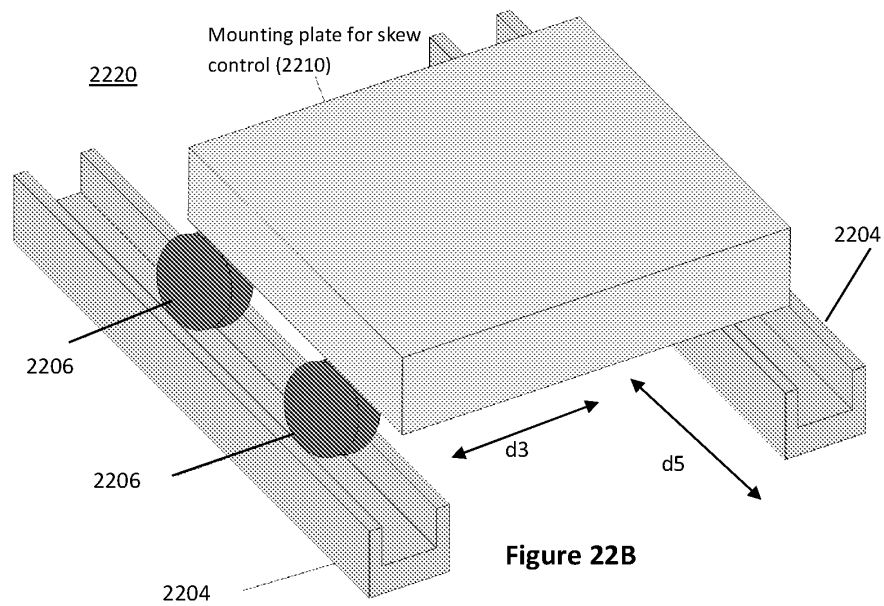
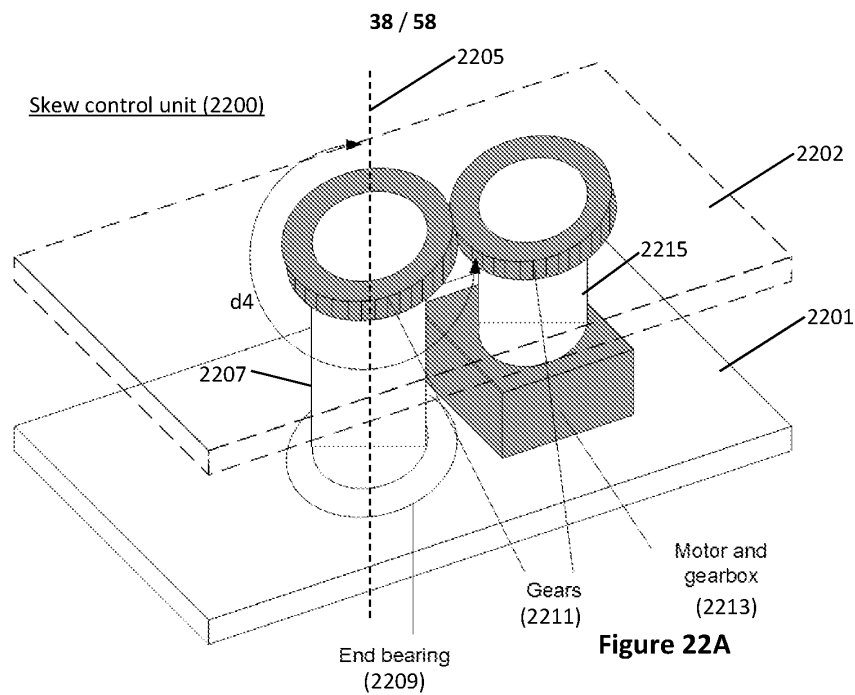


Figure 21C



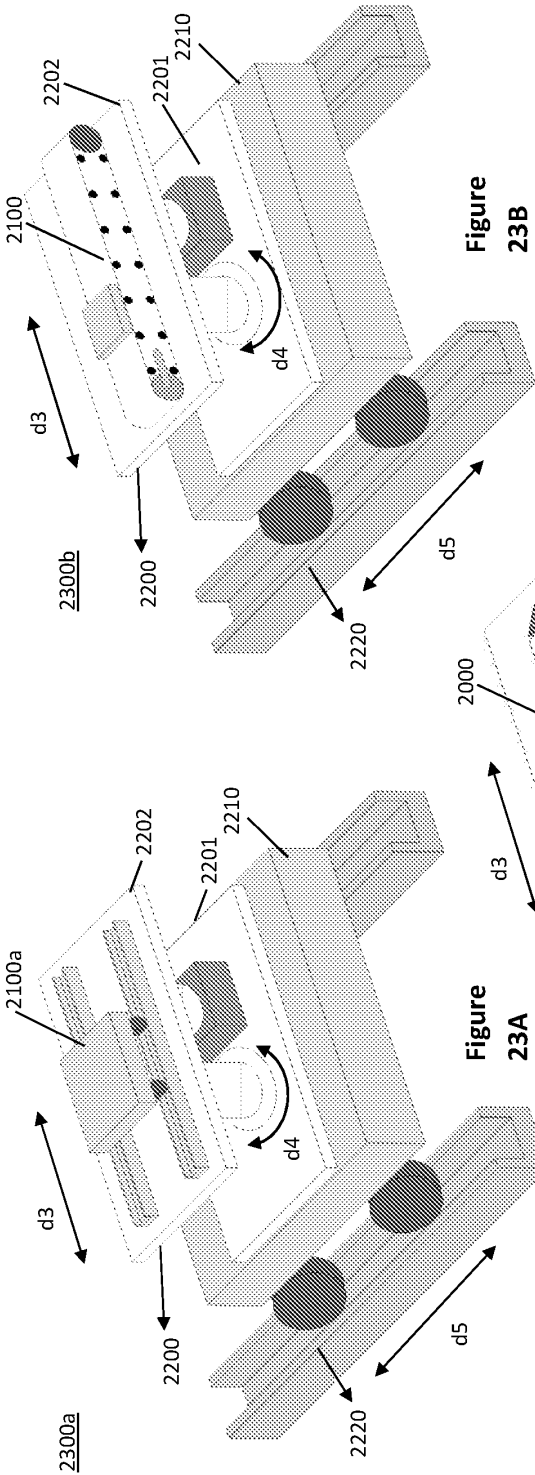


Figure 23A

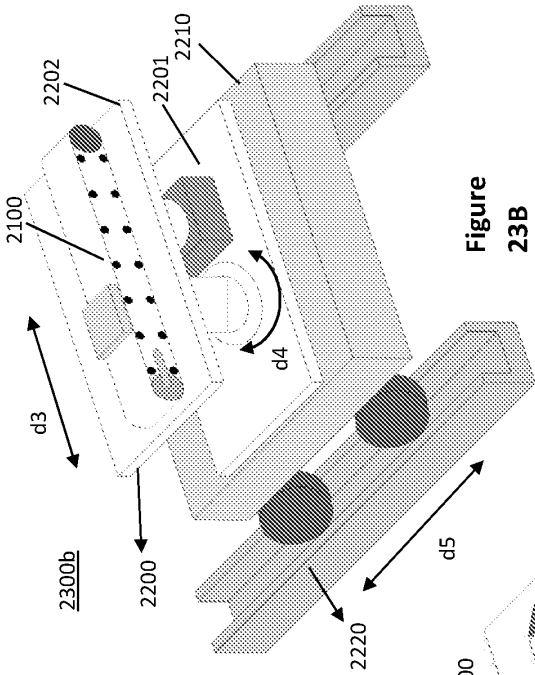


Figure 23B

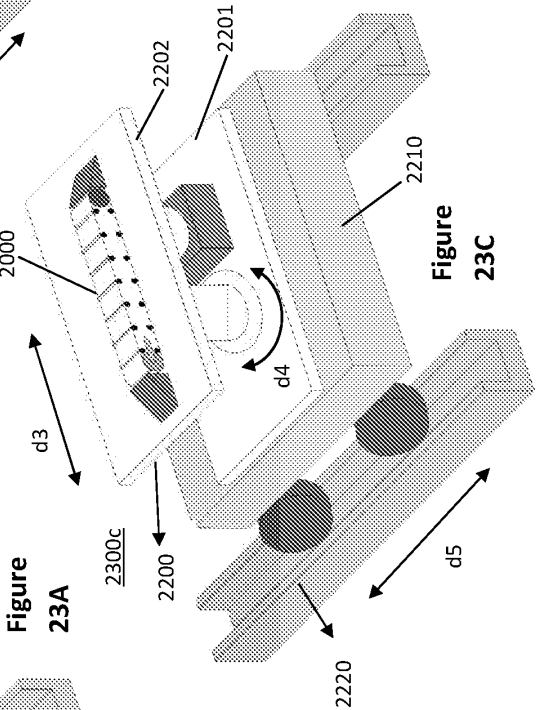


Figure 23C

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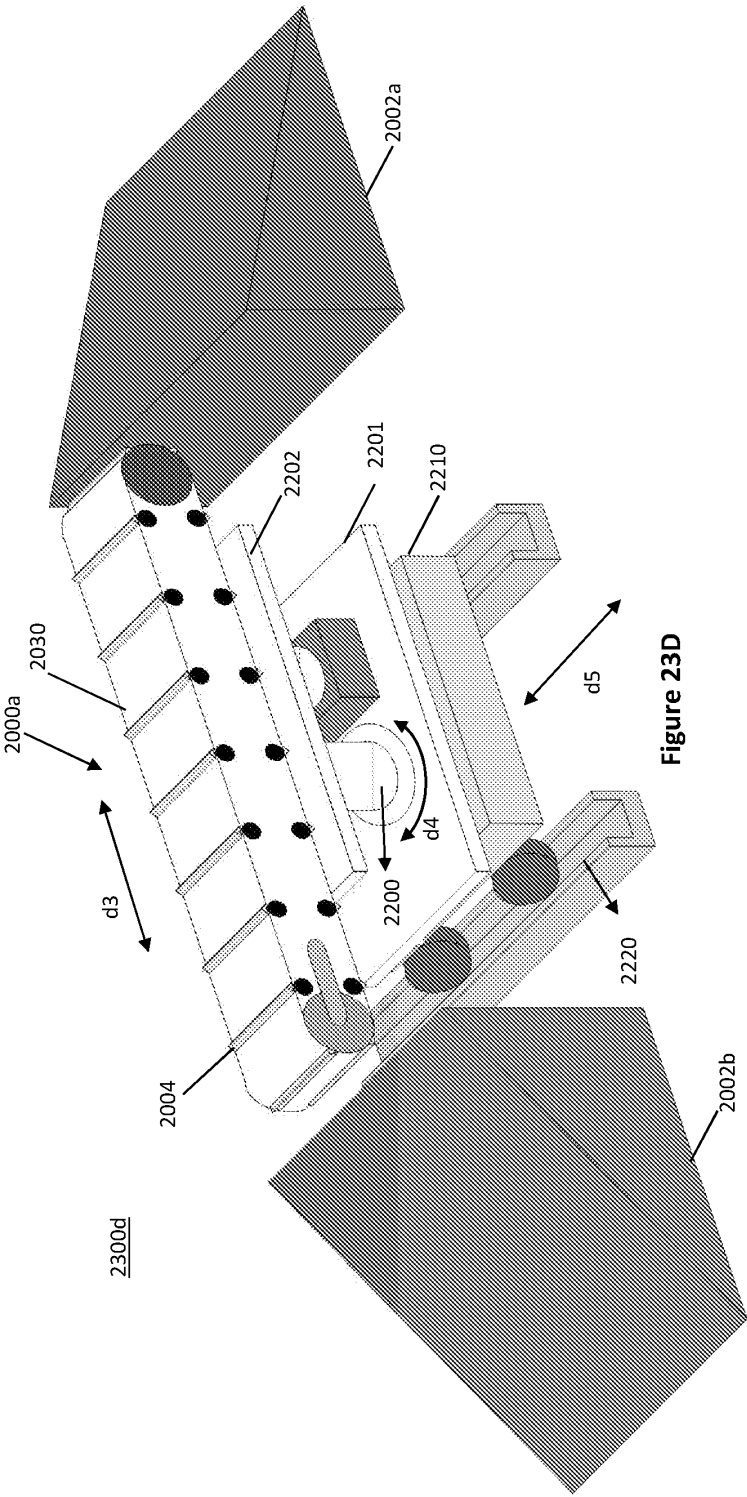


Figure 23D

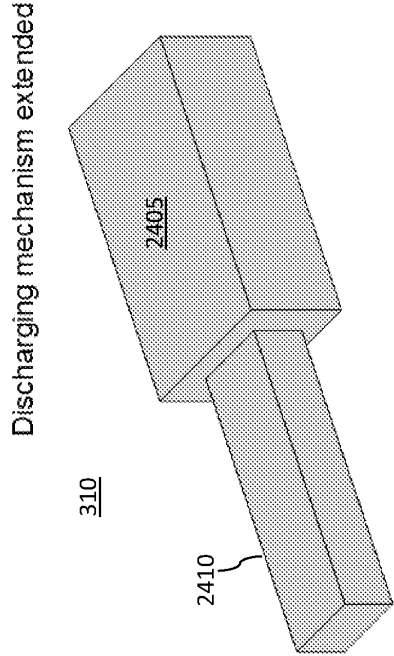


Figure 24B

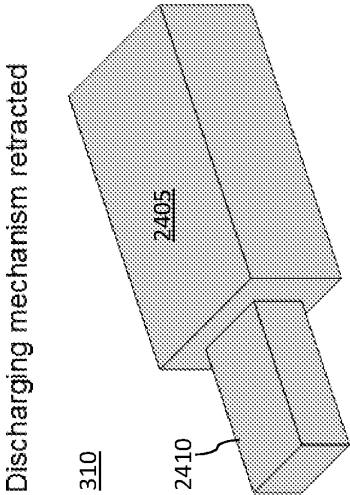


Figure 24A

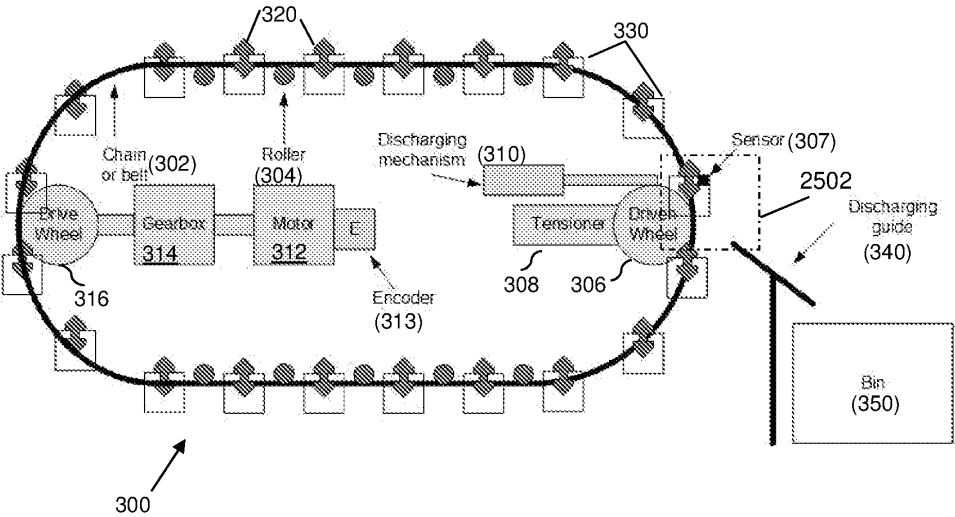


Figure 25A

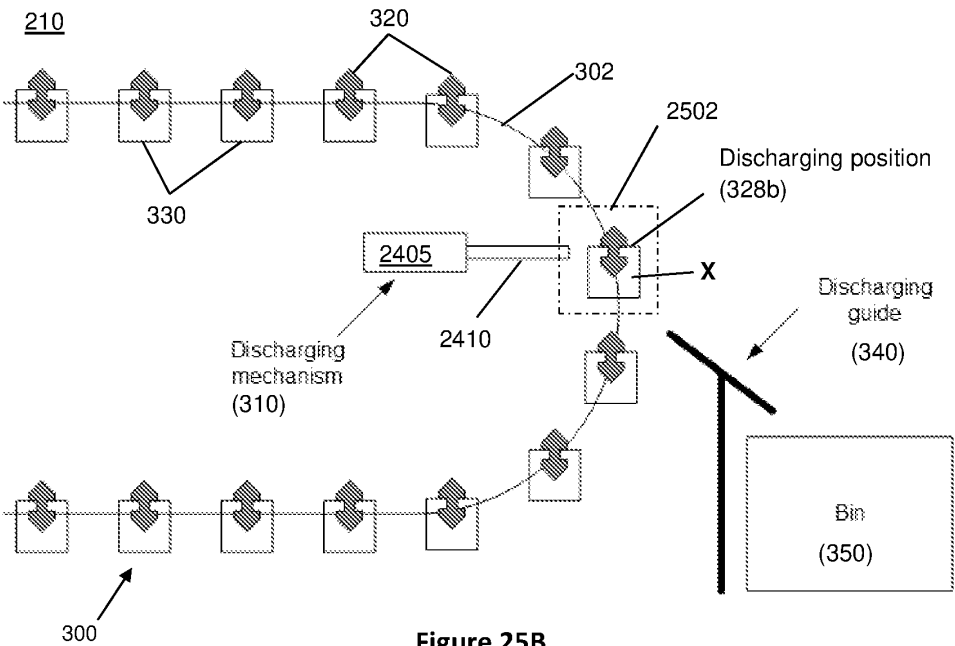


Figure 25B

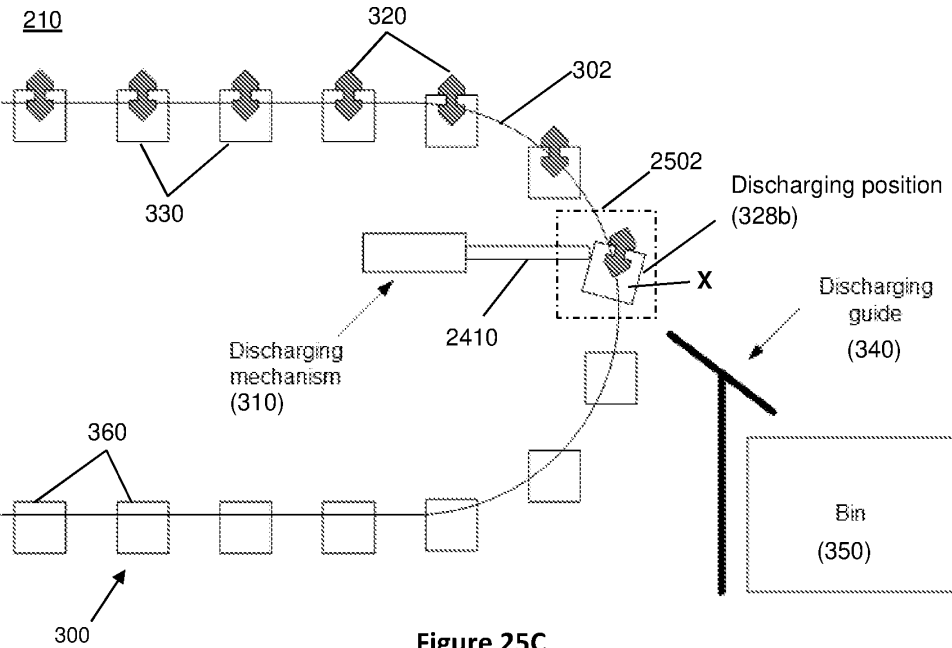


Figure 25C

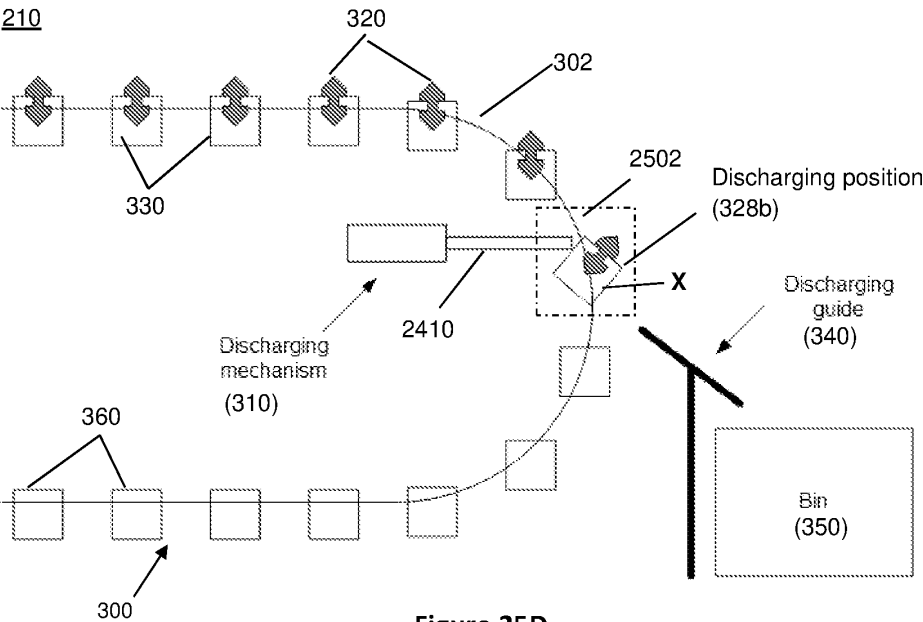


Figure 25D

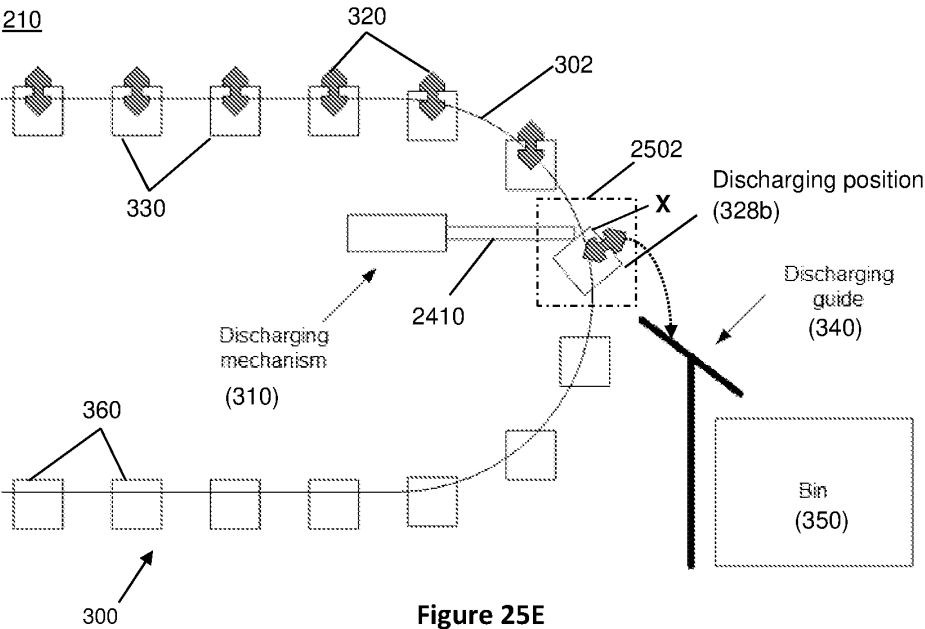


Figure 25E

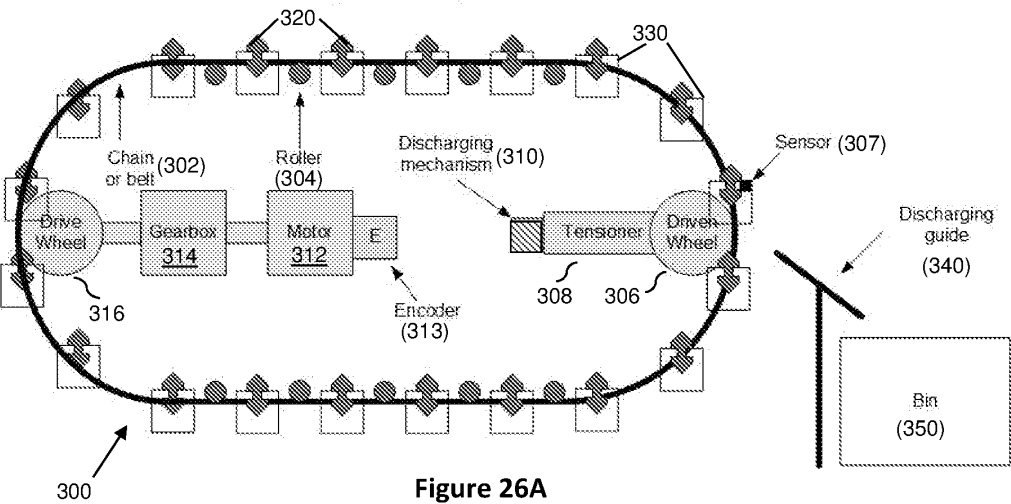


Figure 26A

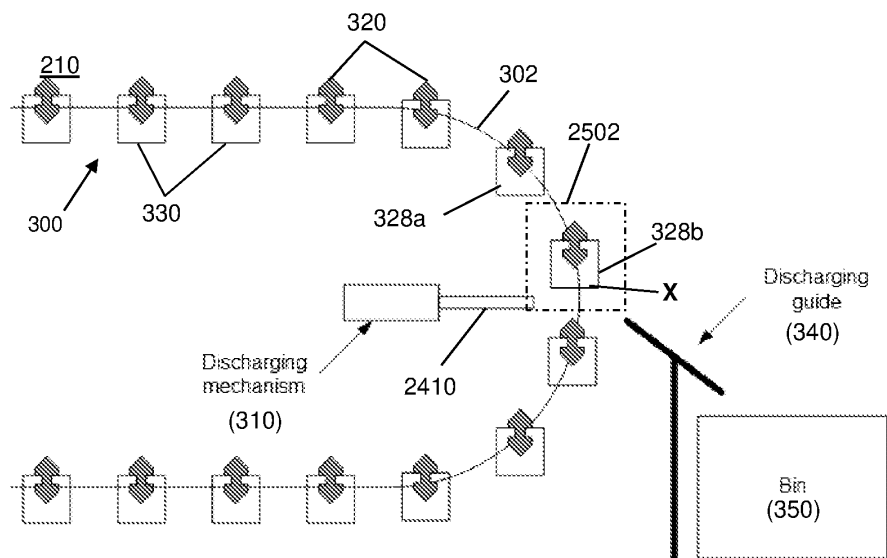


Figure 26B

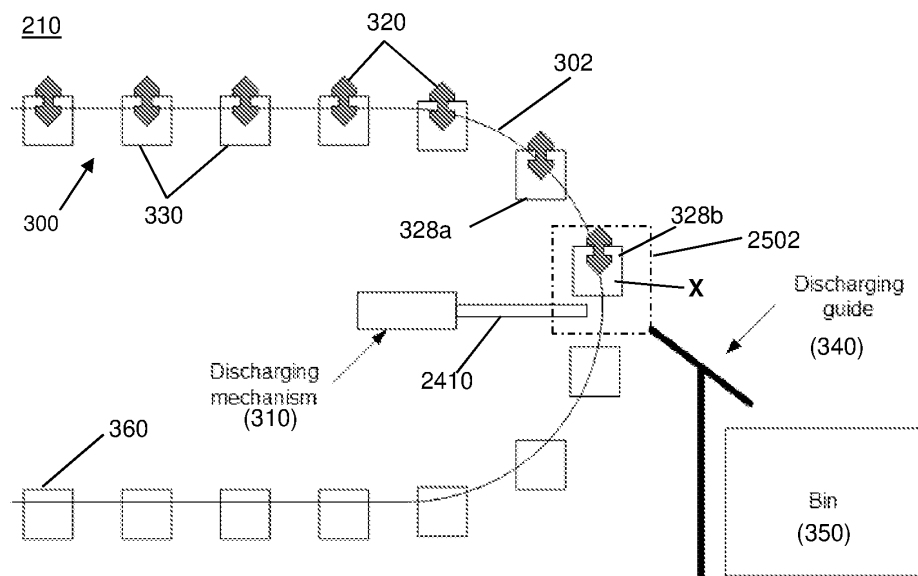


Figure 26C

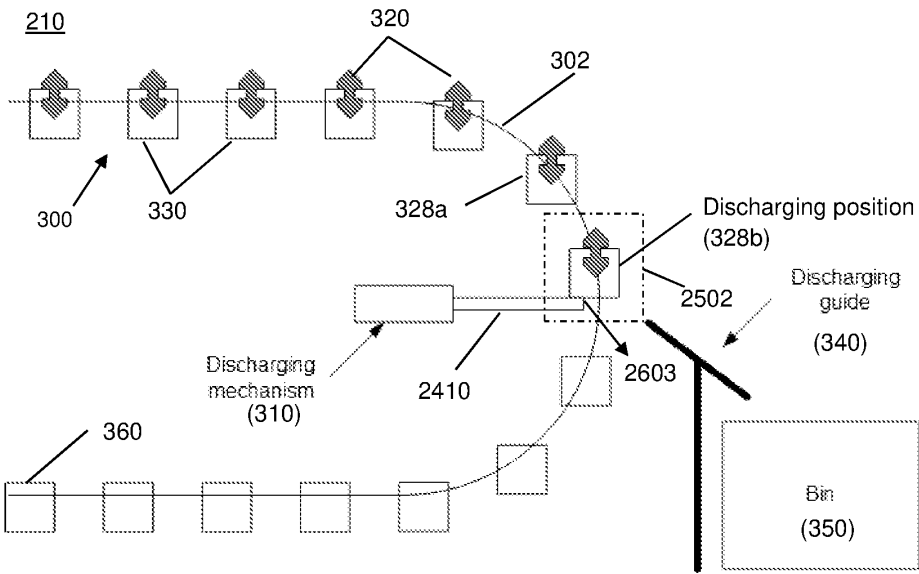


Figure 26D

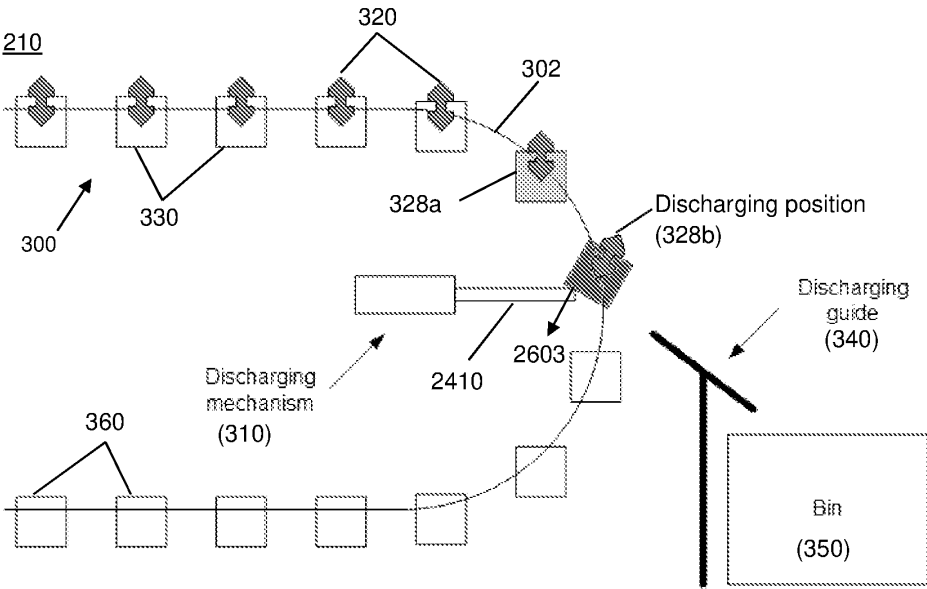


Figure 26E

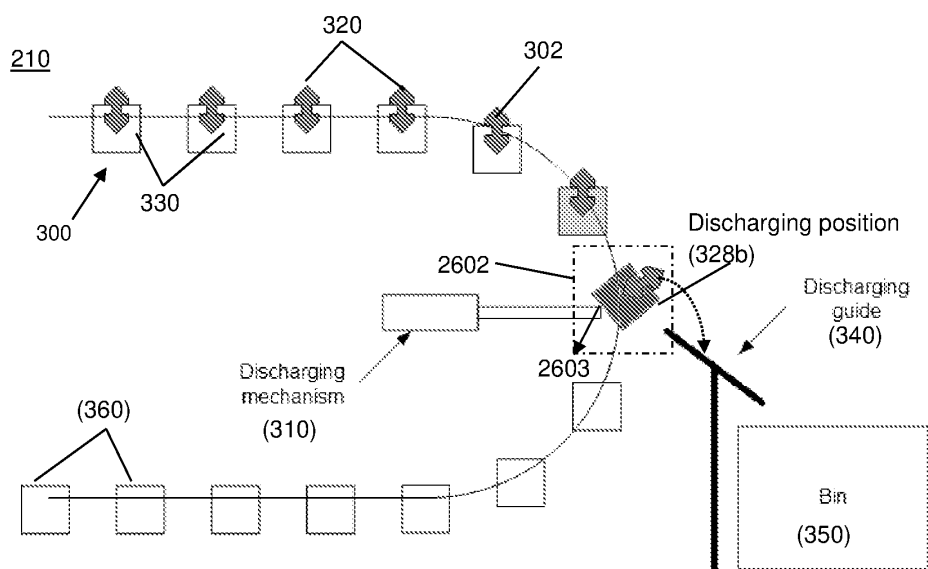


Figure 26F

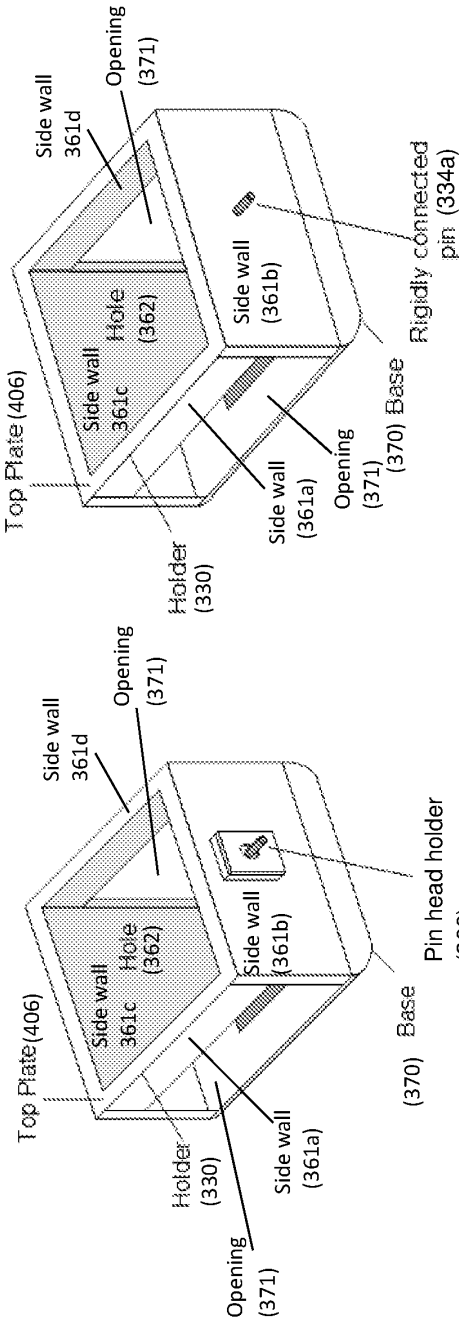


Figure 27B

Figure 27A

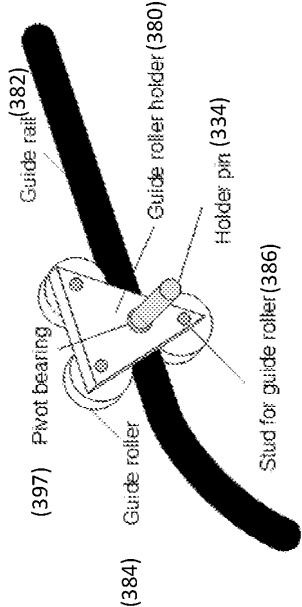


Figure 27C

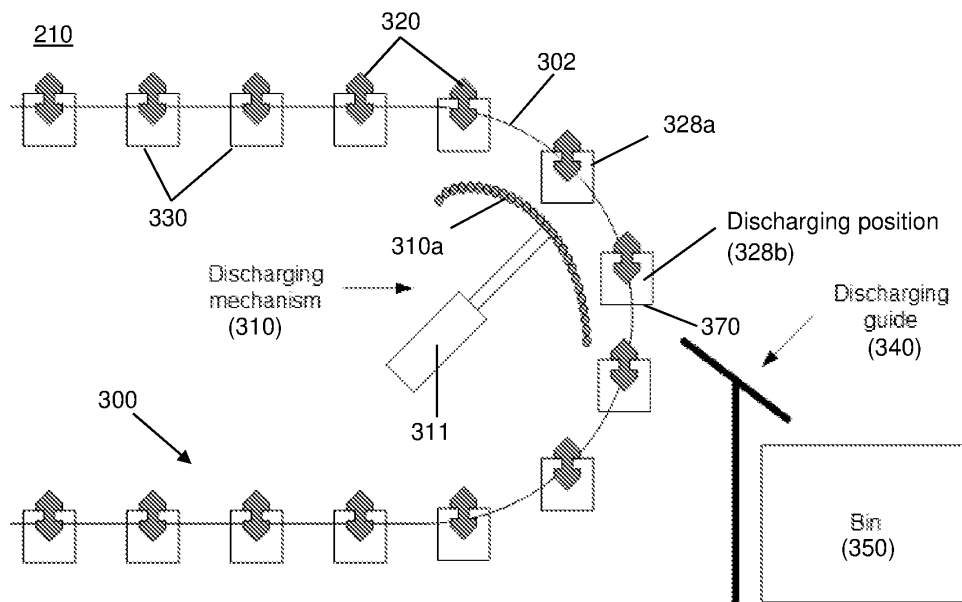


Figure 28A

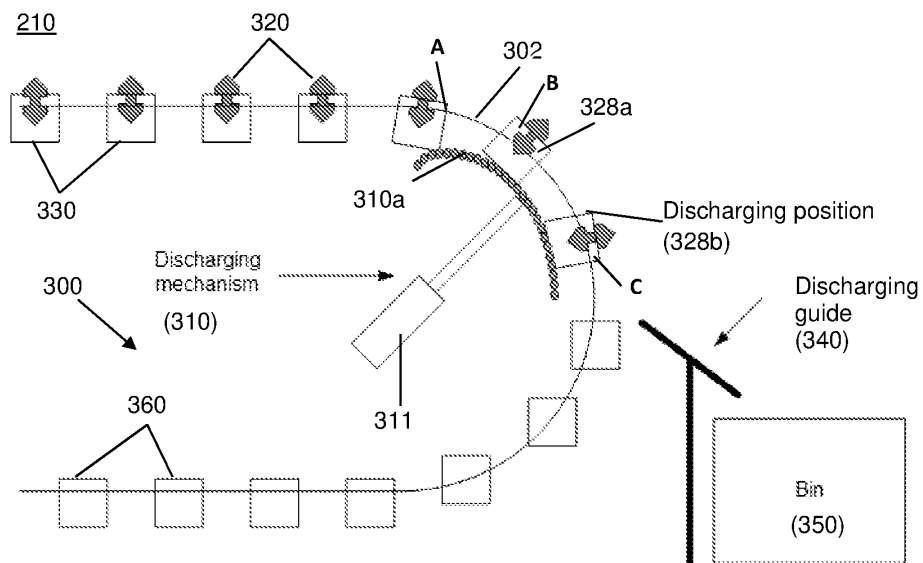


Figure 28B

210

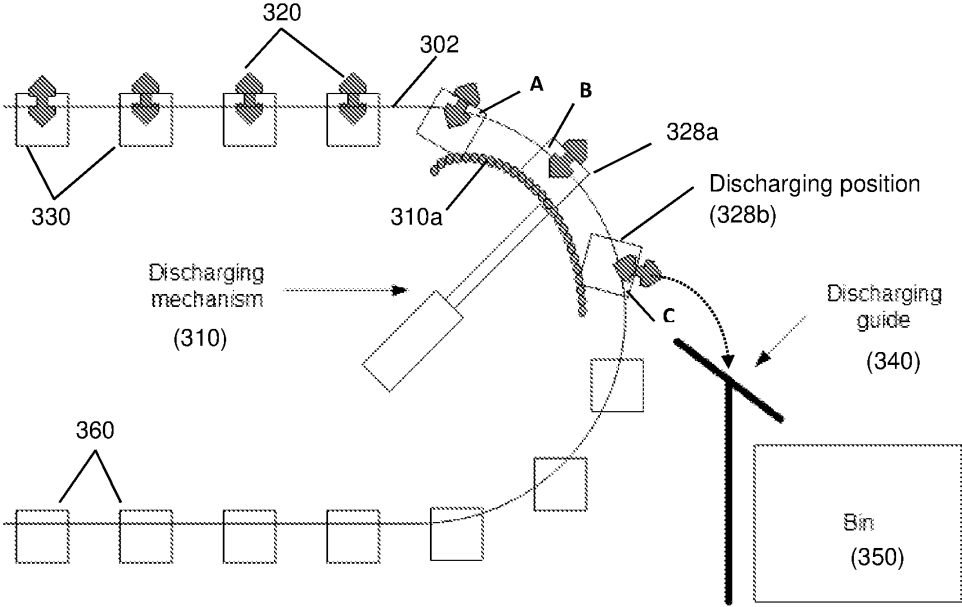


Figure 28C

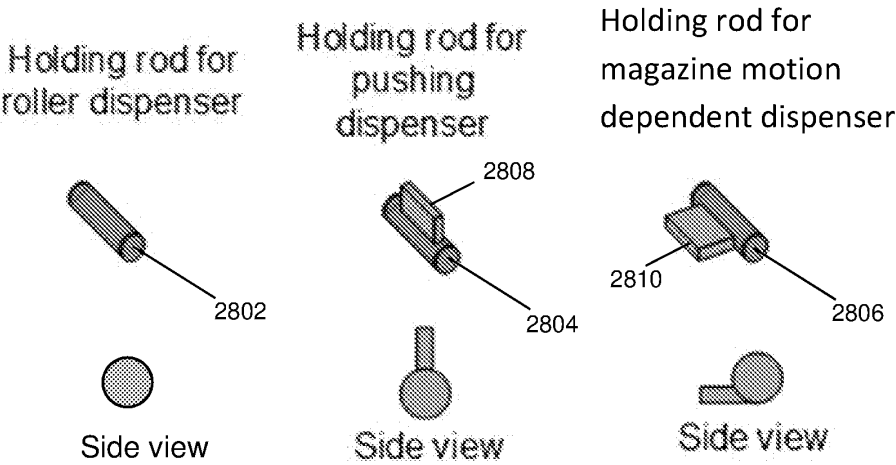


Figure 28D

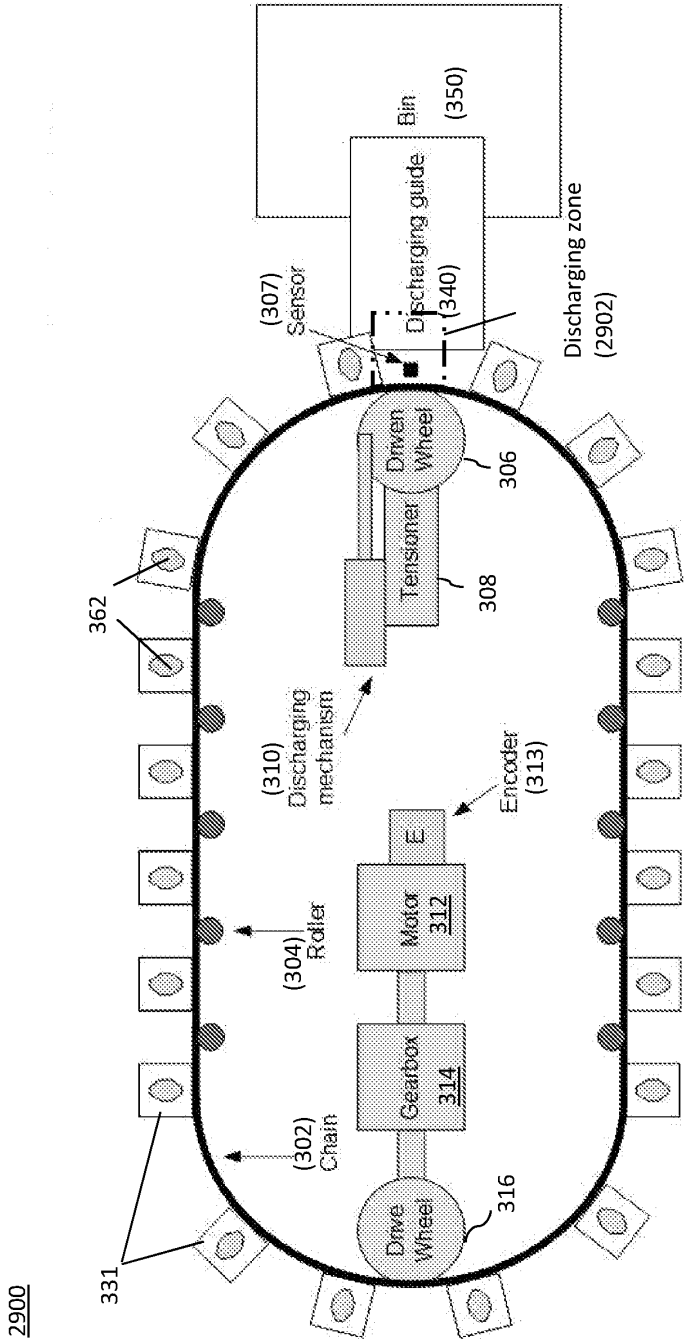


Figure 29A (Top View)

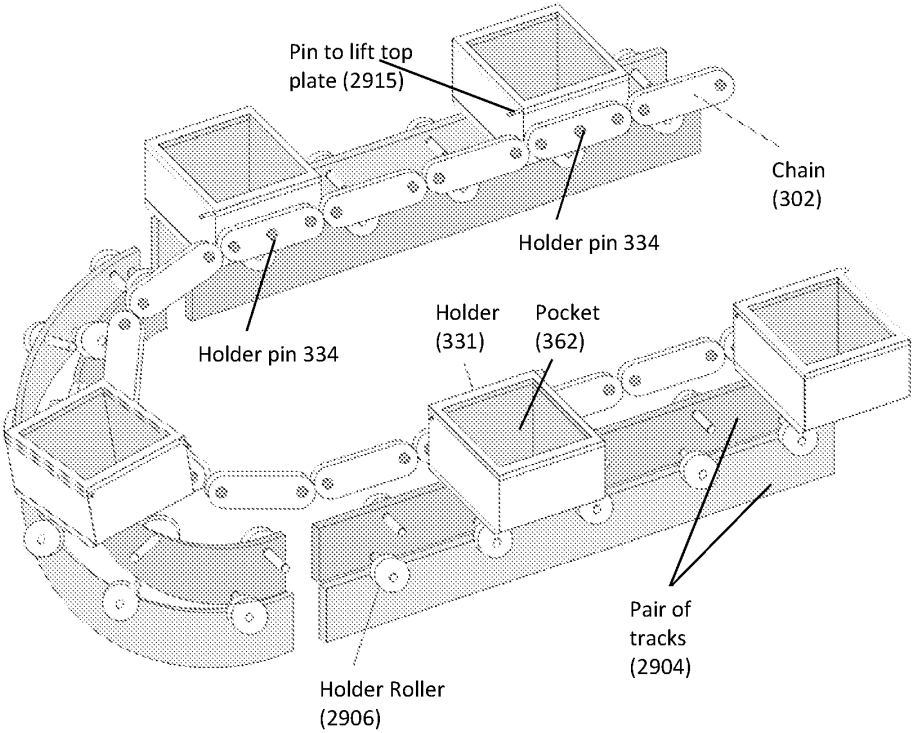


Figure 29B

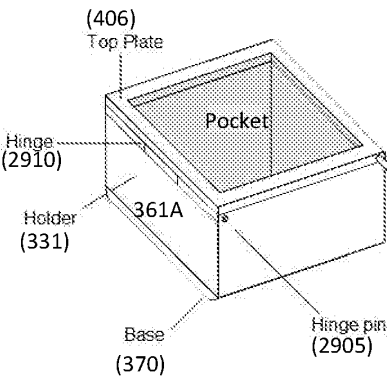


Figure 29C

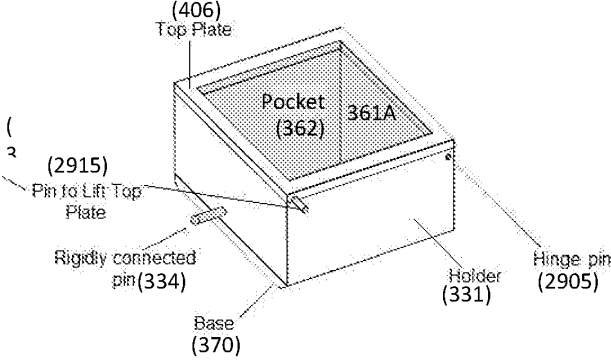


Figure 29D

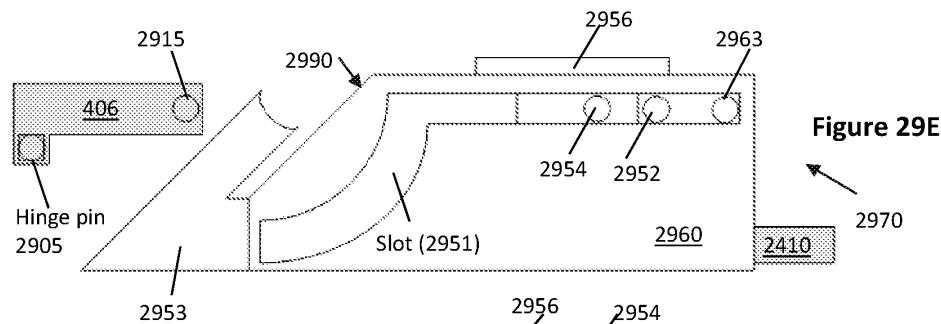


Figure 29E

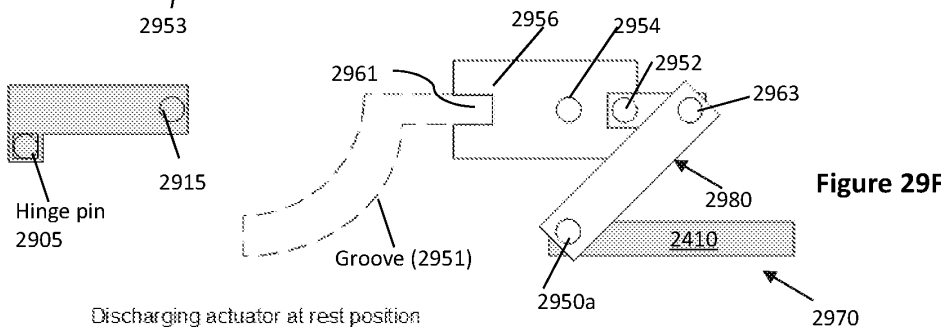


Figure 29F

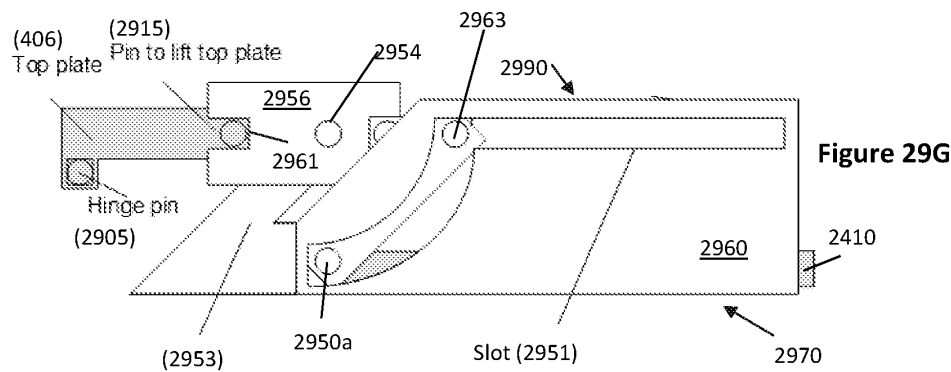


Figure 29G

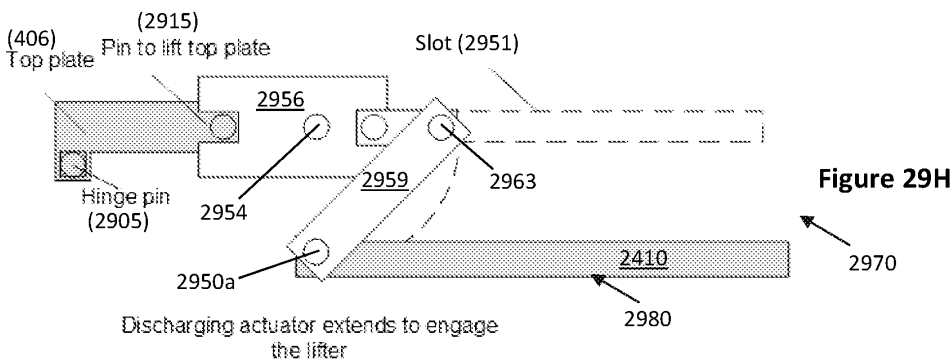
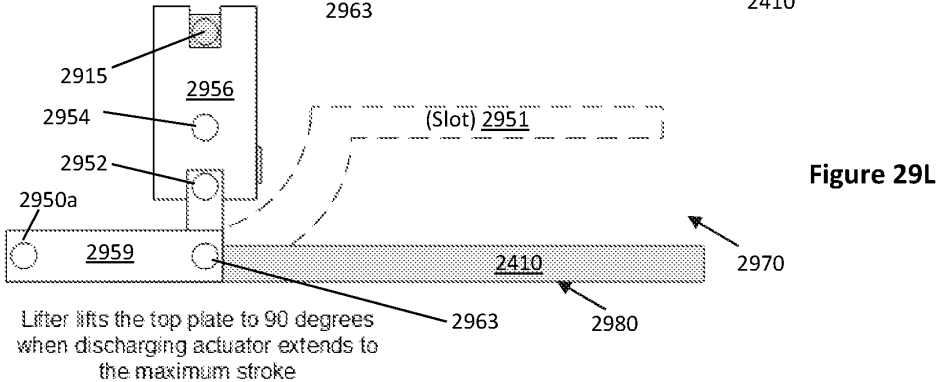
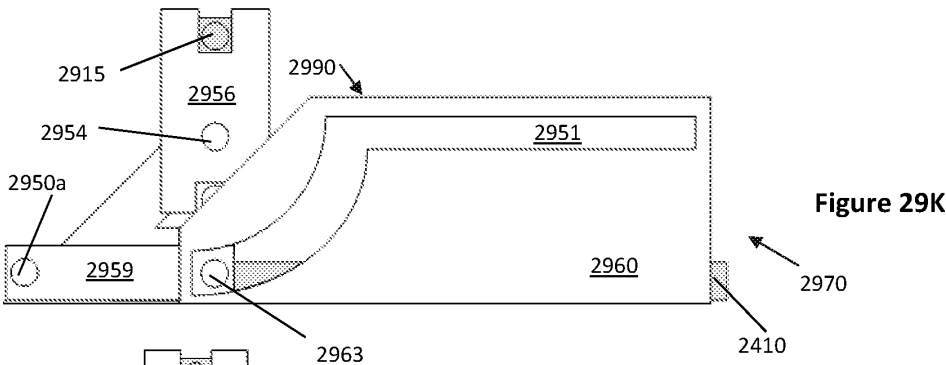
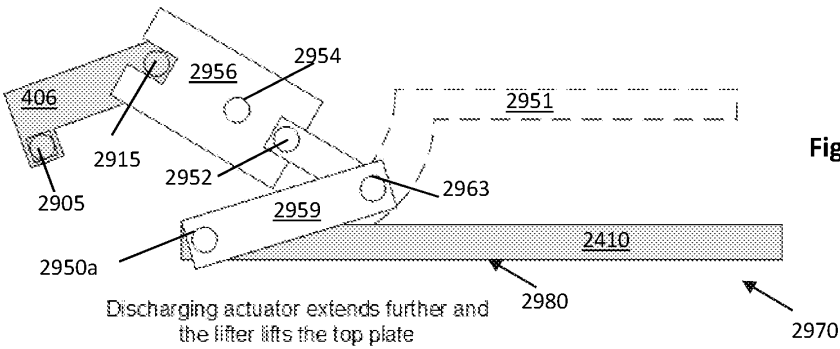
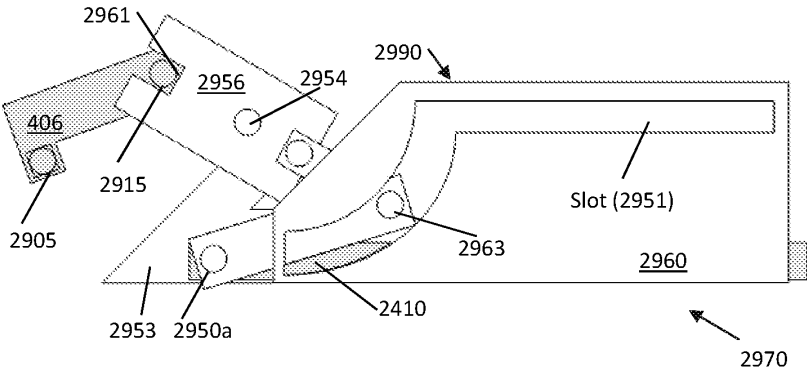


Figure 29H



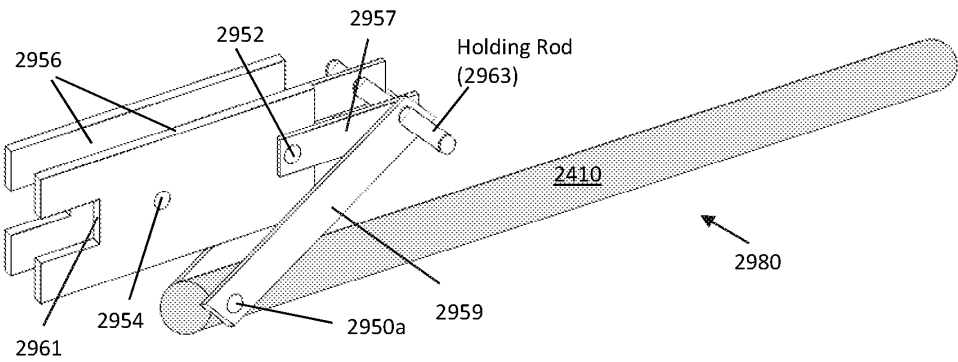


Figure 29M

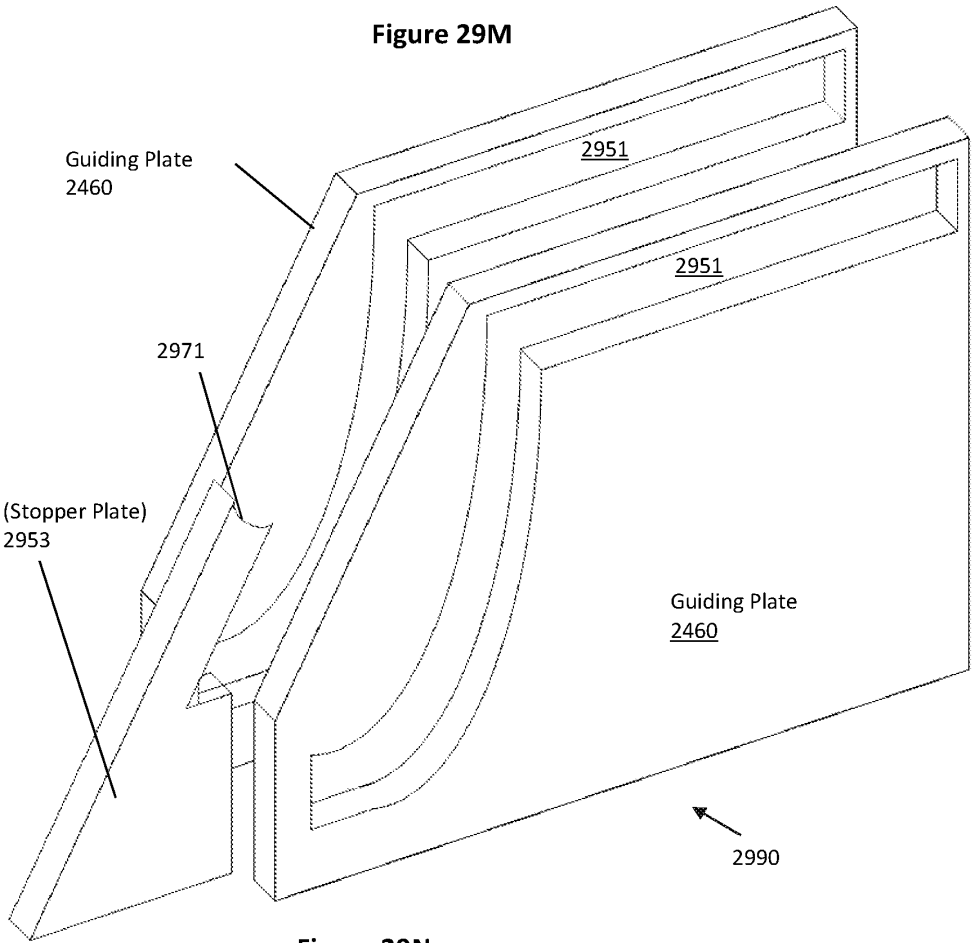


Figure 29N

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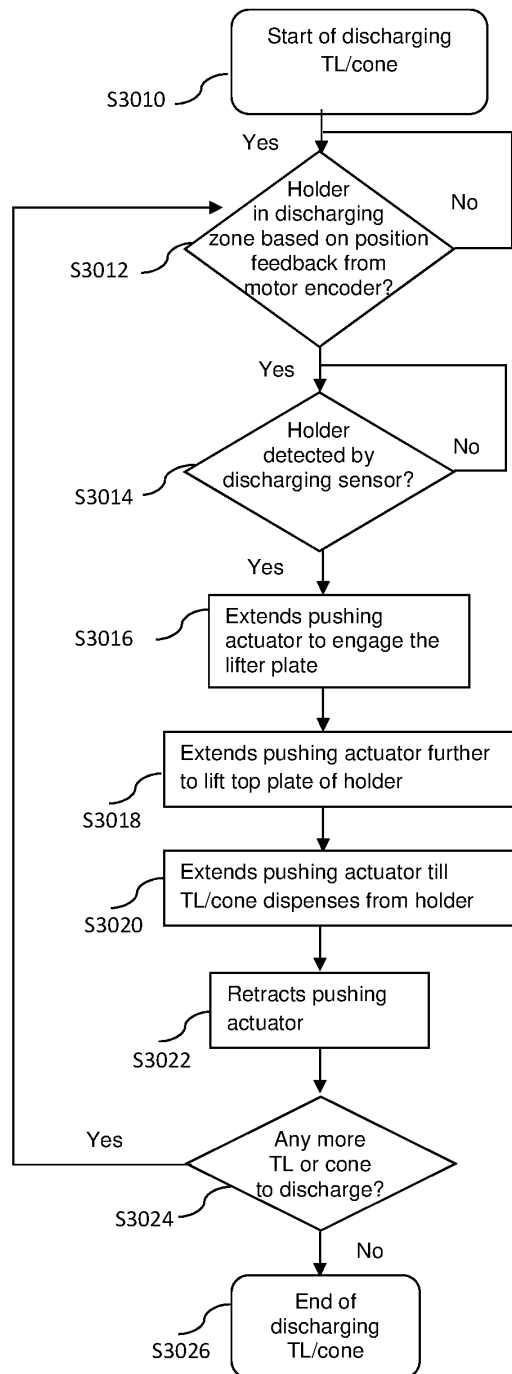


Figure 30A

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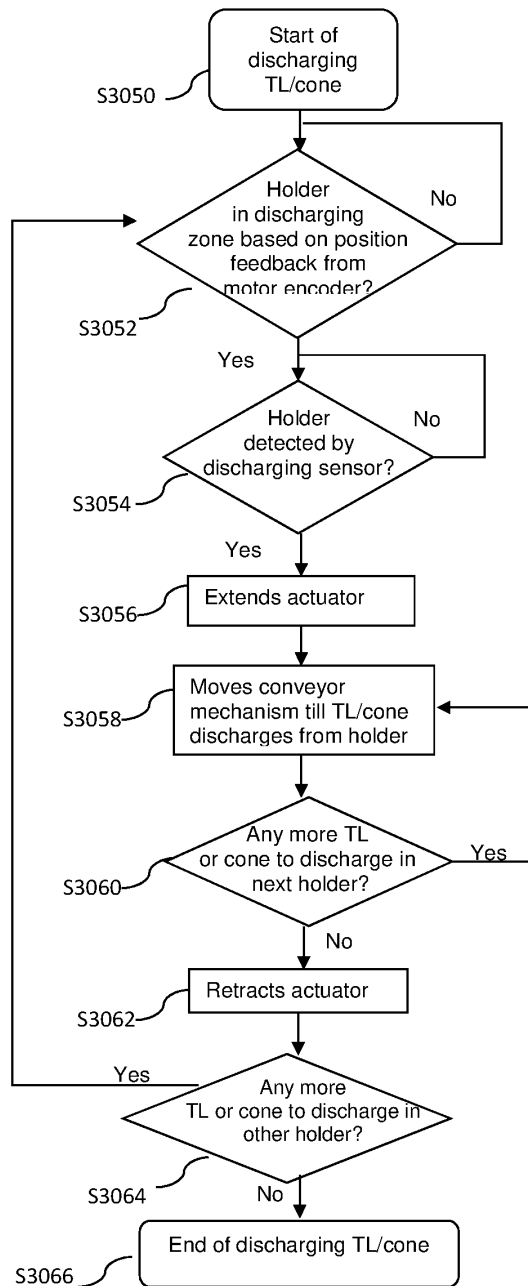


Figure 30B

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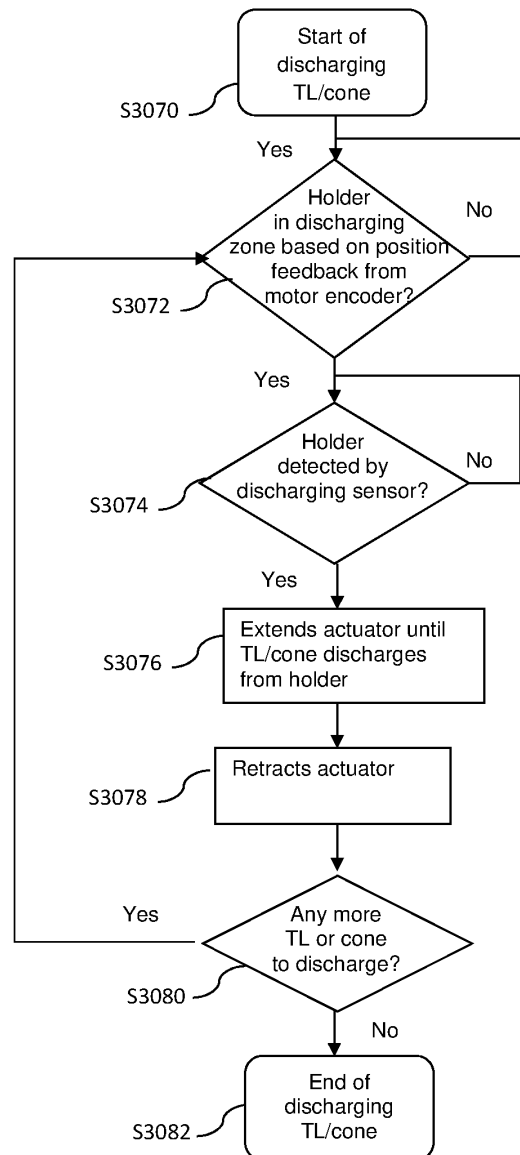


Figure 30C