

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SCOTT ALBERT ROBINSON	05/21/2019
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Postal Code:	4059	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
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DATE SIGNED:	09/03/2021	
Total Attachments: 14		
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ASSIGNMENTWHEREAS

Scott Robinson of 6 Bullock Wagon Crescent, New Beith, QLD, Australia have made an invention in **A Cable Dispensing Assembly** and will be referred to as "the ASSIGNOR", and

WHEREAS

Pacific Plant Hire Pty Ltd, an Australian Proprietary Company, Limited by Shares and having official Australian Company Number 610 116 142, hereinafter referred to as "the ASSIGNEE" wishes to acquire said invention, and the ASSIGNOR, for certain consideration have agreed to said acquisition,

THEREFORE

In consideration of ten dollars (\$10:00) cash in hand, and other good and valuable consideration, paid to the ASSIGNOR by the ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **A Cable Dispensing Assembly**, including the invention, embodiments, aspects, variations and preferred features summarized in Schedule A to this Assignment which is incorporated herein.
2. The right to apply for and have ownership of patents for the invention in the Commonwealth of Australia and in all other places, regions, countries and jurisdictions of the world.

3. All patents and like protection that have now been or may in the future be granted on said invention in the Commonwealth of Australia and in all other places, regions, countries and jurisdictions of the world;
4. All substitutions for and divisions, continuations, additions, renewals, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
5. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
6. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in the Commonwealth of Australia and in all other places, regions, countries and jurisdictions of the world; and
7. The right to claim priority from any of said patents and/or applications for the invention under any international agreements and conventions;

and the ASSIGNOR covenant that he, his heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment which the parties agree is effective as of 03 March 2019.

EXECUTION

Executed on this 21 of MAY 2019.

Executed by Scott Robinson [Assignor]

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)
)
.....

Executed by Pacific Plant Hire Pty Ltd [Assignee]
in accordance with Section 127 of the Corporations Act:

)
)
)
.....

Director / Company Secretary

Scott ROBINSON
.....
Name of Director / Company
Secretary/ (print)

EDWIN BROADBENT
.....
Director

EDWIN BROADBENT
.....
Name of Director (print)

Schedule A

SUMMARY OF THE INVENTION

According to a first aspect of the present invention there is provided a cable dispensing vehicle comprising:

- a frame;
 - at least one pair of ground contact wheels supporting the frame;
 - opposed drum arms coupled to the frame for supporting a spindle for the drum; and
 - a cable shield fast with the frame and extending between the drum and the ground in use; wherein
- cable dispensed from an underside of the drum is shielded from the ground by the cable shield.

In a preferred embodiment of the invention the opposed drum arms are each connected at a distal end thereof to the frame by respective drum arm pivots. Preferably one or more drum arm actuators are included for swinging each of the drum arms about the drum arm pivots.

Preferably the opposed drum arms each end in respective spindle jaws for holding corresponding opposed ends of the spindle.

Preferably each spindle jaw is provided with a jaw actuator for opening and closing its respective spindle jaw.

In a preferred embodiment of the invention each of the drum arms are telescopic for length adjustment thereof for accommodating drums of different diameters. Preferably each of the drum arms is provided with a slider actuator for retracting or extending each drum arm.

In a preferred embodiment of the invention there is provided a powered drive wheel for rotating the drum for dispensing or reclaiming cable. The powered drive wheel is preferably located at a remote end of a drive wheel

arm. Preferably the powered drive wheel is powered by a drive motor coupled thereto. In a preferred embodiment of the present invention the powered drive wheel is mounted at a remote end of a drive wheel arm. Preferably the drive wheel arm is coupled to one of the drum arms by a drive wheel pivot. In a preferred embodiment of the present invention a drive wheel arm actuator is disposed between a point on the drive wheel arm and a point on said drum arm for swinging the drive arm relative to the drum arm to thereby bring the drive wheel against and away from the drum in use.

Preferably a dispensing arm assembly extends from the frame for directing cable from the drum outwardly to a point lateral of the ground contact wheels. In a preferred embodiment of the invention the dispensing arm assembly is comprised of three members including a mast member that extends upwardly from the frame.

Preferably the dispensing arm assembly further includes a first lateral member that is pivotally connected to a remote end of the mast member.

Preferably a second lateral member is pivotally connected to a remote end of the second lateral member.

In a preferred embodiment of the invention a first dispensing arm assembly actuator is connected between a point on the mast member and a point on the first lateral member.

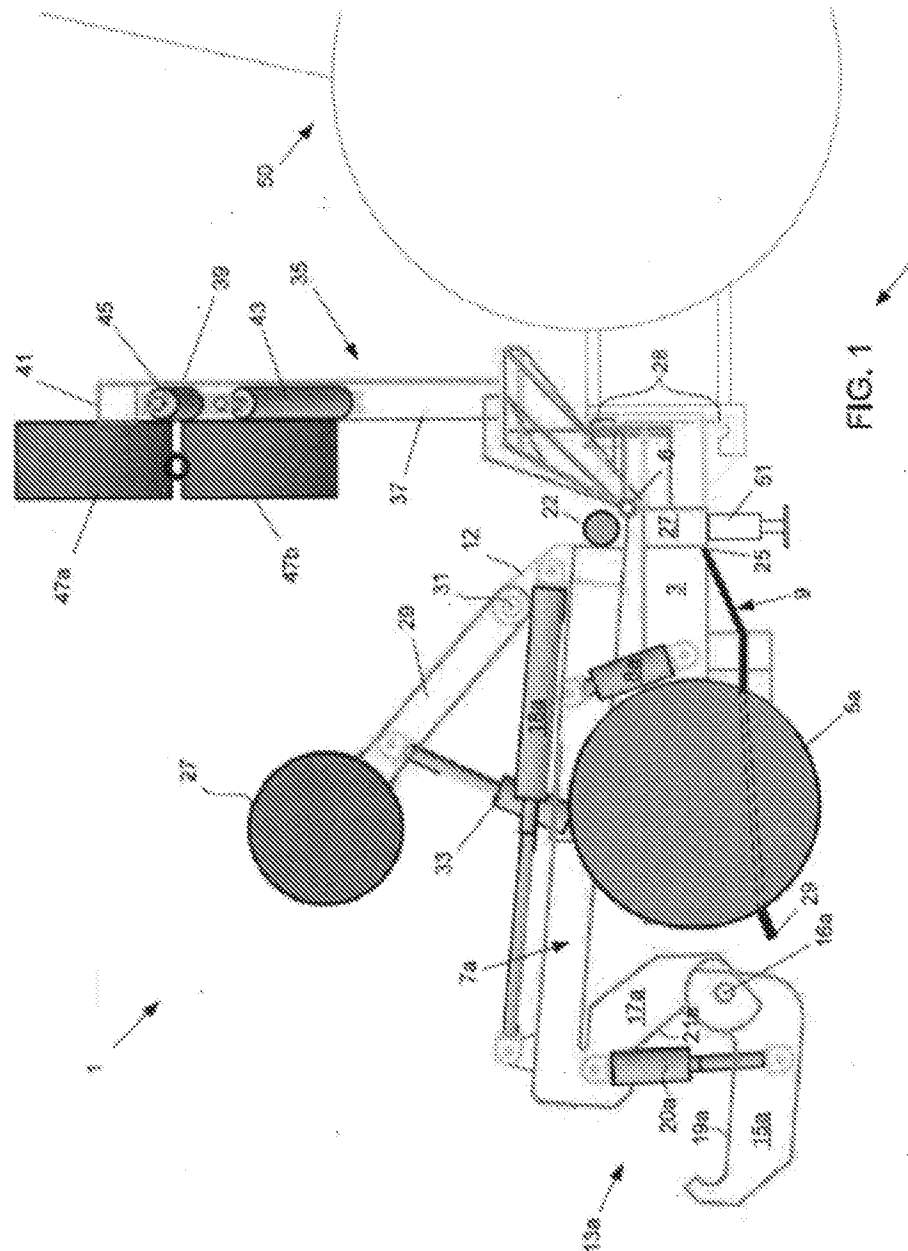
Preferably a second dispensing arm assembly actuator is connected between a point on the first lateral member and a point on the second lateral member whereby operation of said dispensing arm assembly actuators varies angles between the mast member and the first lateral member and between the first lateral member and the second lateral member.

Preferably the vehicle includes powered pinch rollers for assisting in passing cable along the dispensing arm assembly.

In a preferred embodiment of the invention the actuators comprise hydraulic rams and/or hydraulic motors.

Preferably a hydraulic circuit is provided for operating hydraulic motors driving the drive wheel and the pinch rollers. In a preferred embodiment of the invention hydraulic restrictors and one-way valves are provided to ensure that the pinch rollers run faster than the drum motor when dispensing cable and slower than the drum motor when reclaiming cable.

Preferably the vehicle includes a three point linkage fast with the frame for connection of the vehicle to a towing vehicle whereby the three point linkage allows the cable dispensing vehicle to be pulled and pushed by the towing vehicle for readily dispensing cable and rewinding dispensed cable.



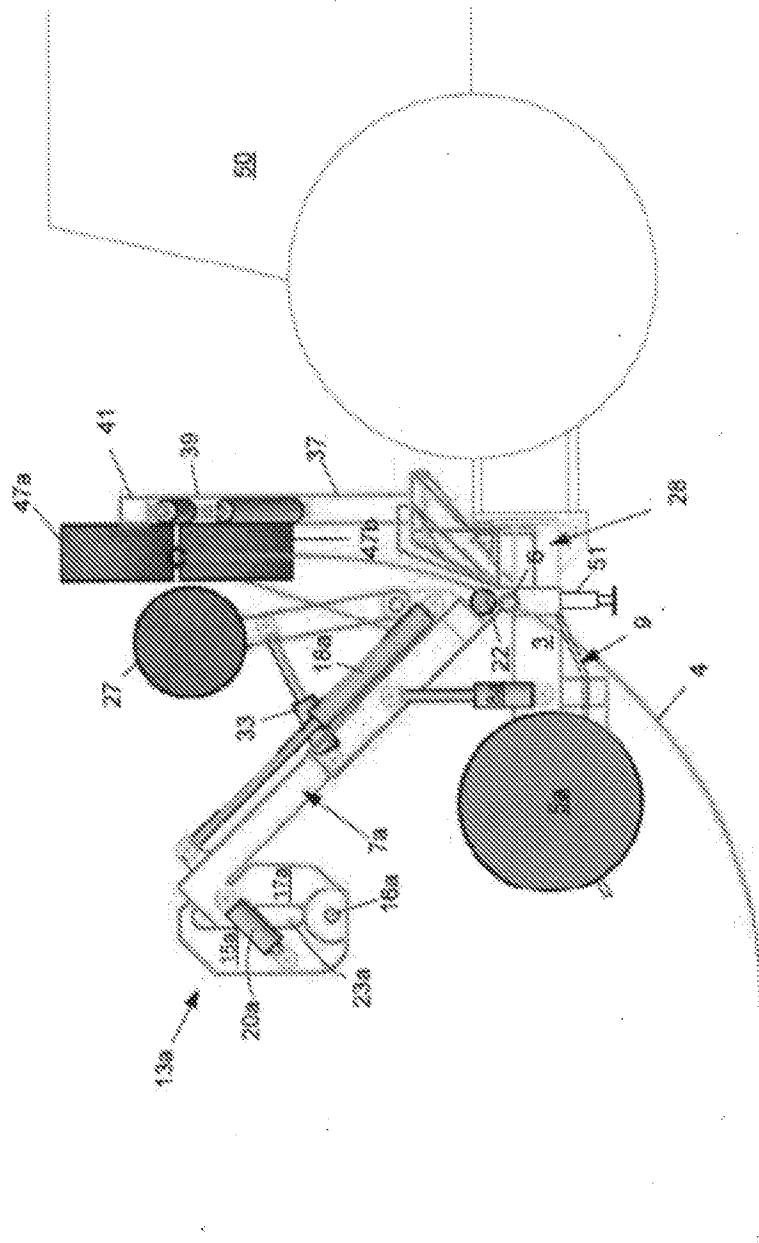


FIG. 2

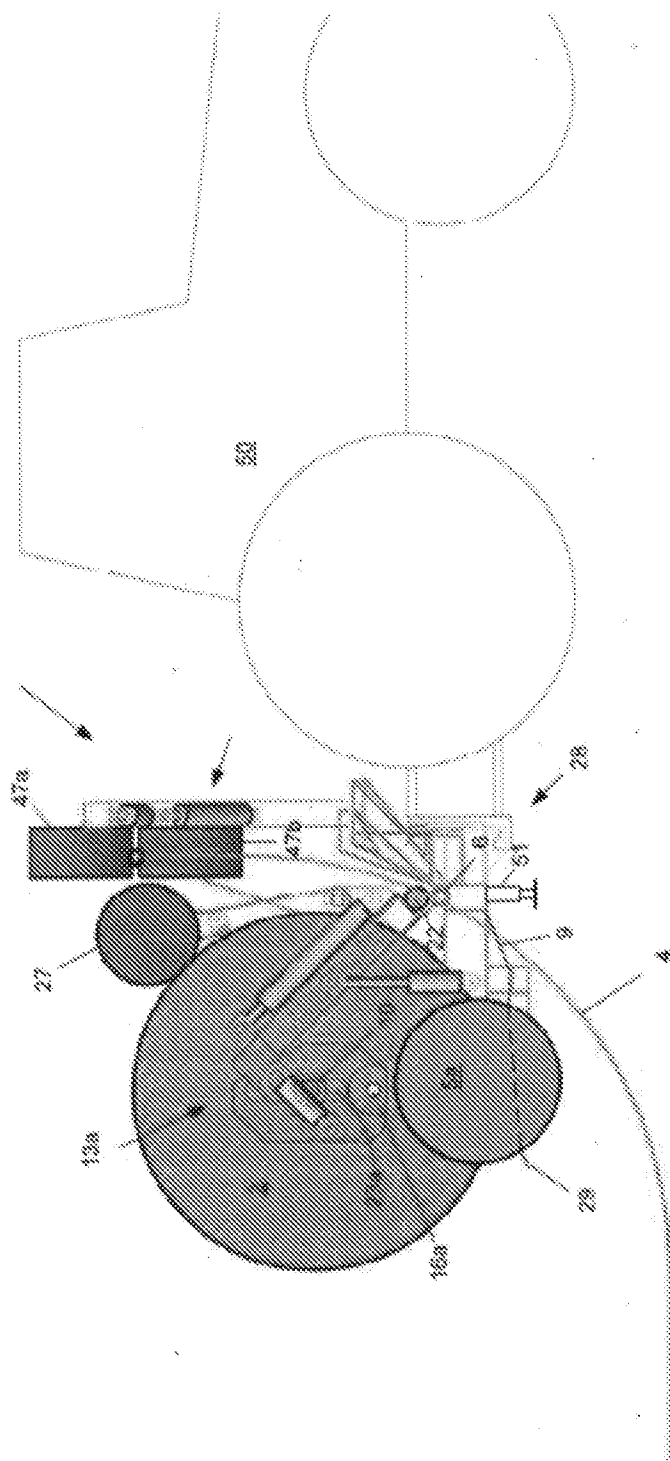
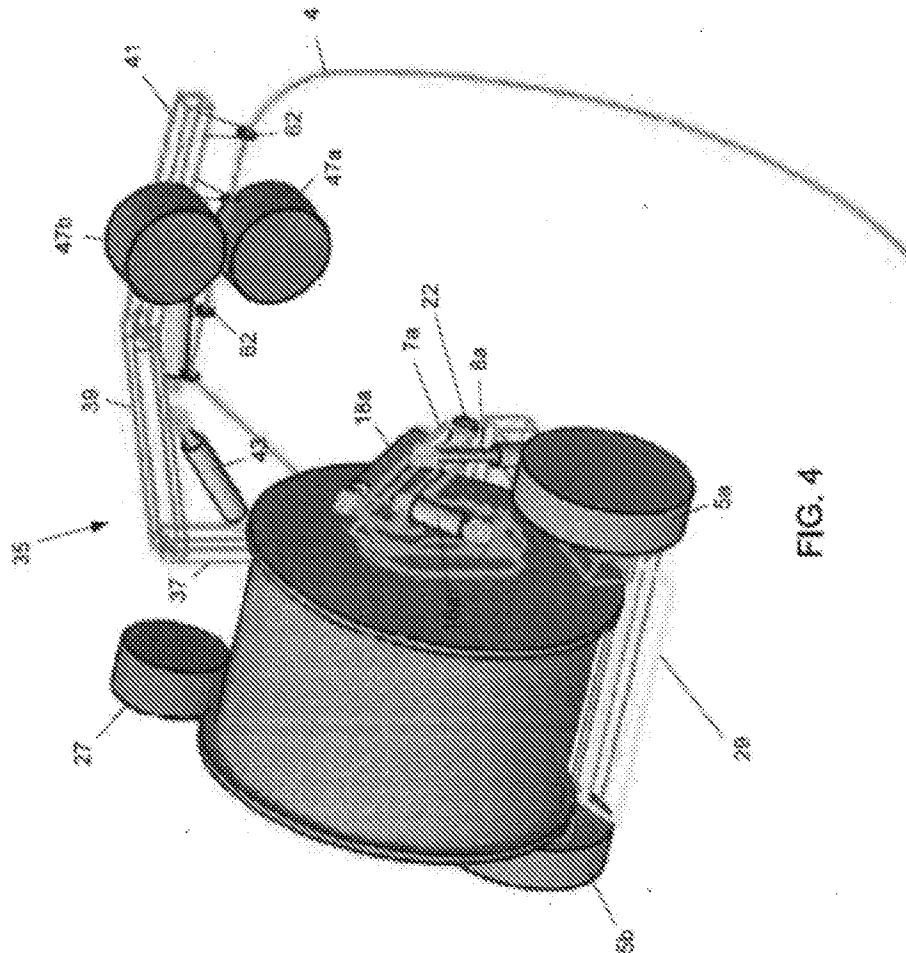


FIG. 3



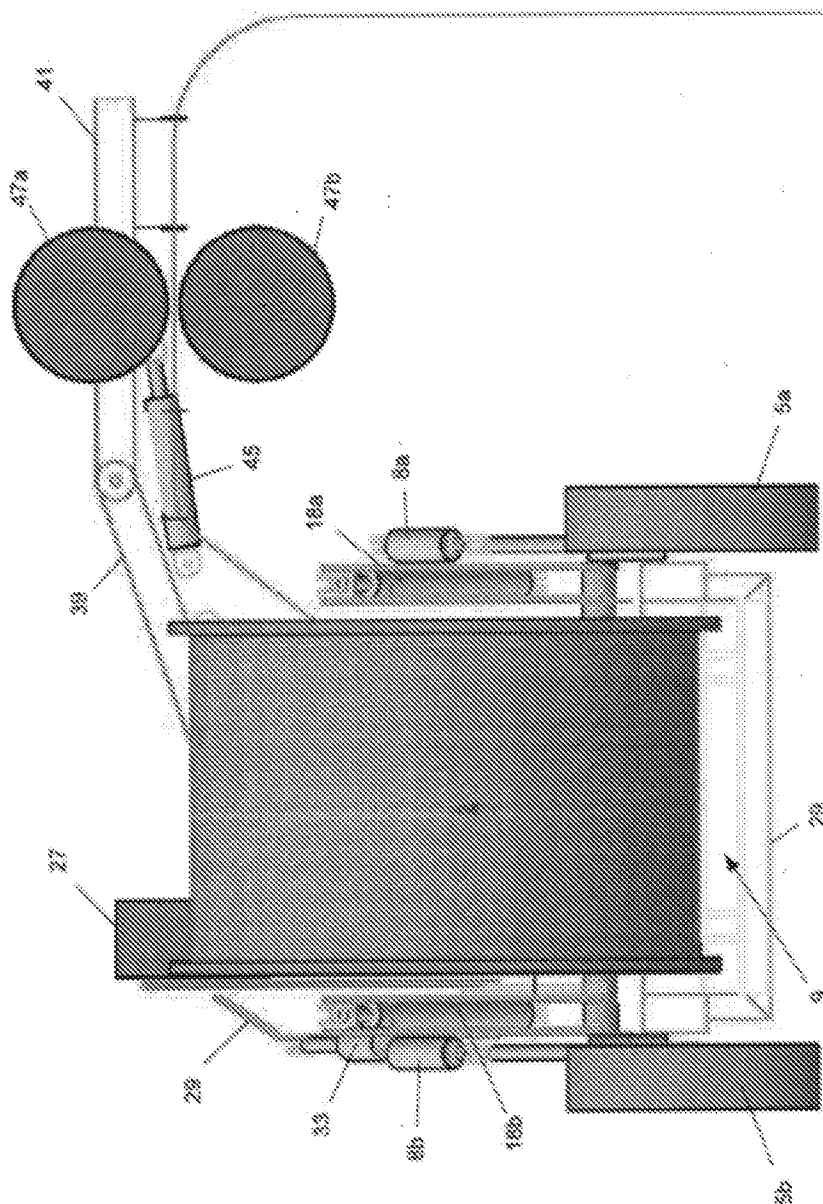
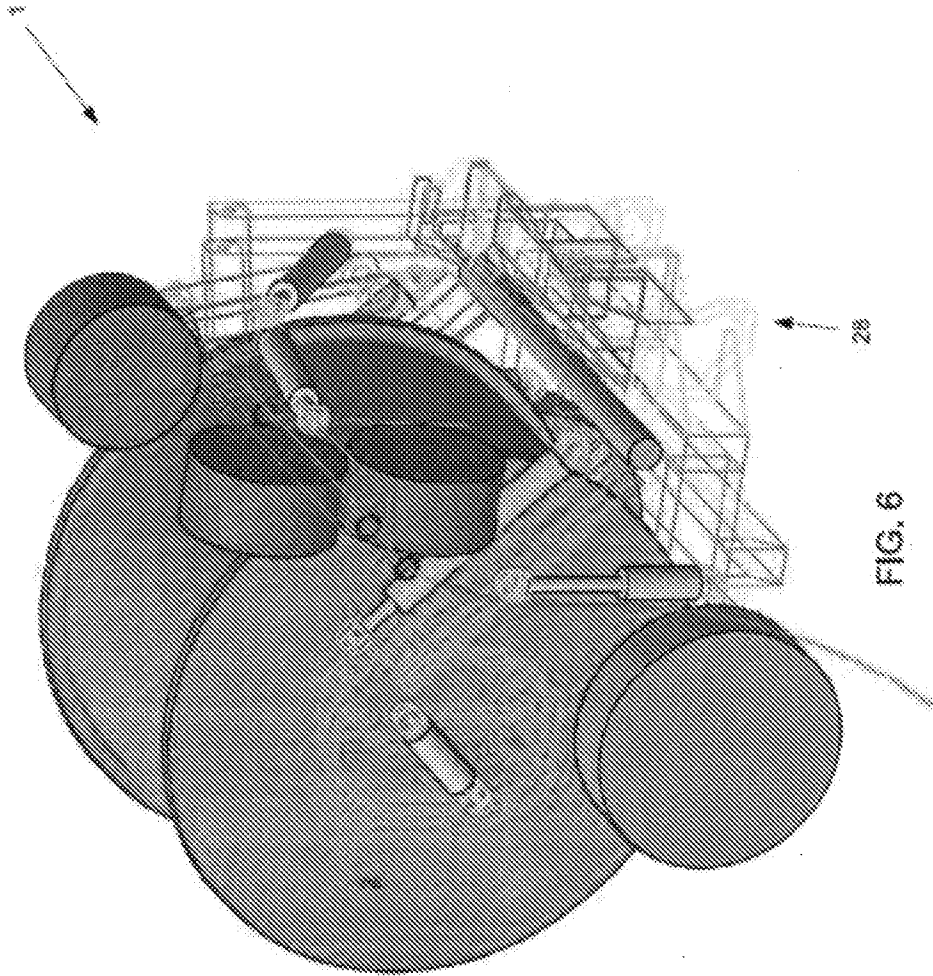


FIG. 5



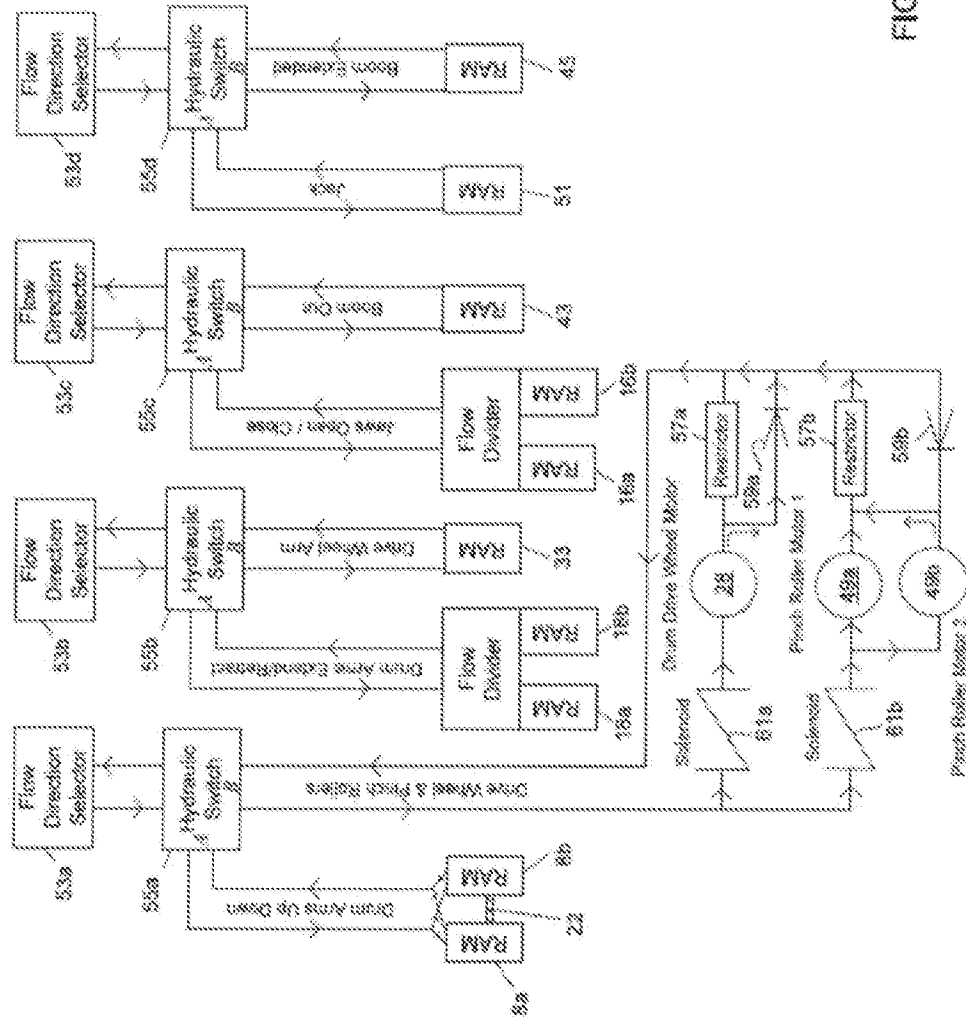


FIG. 7

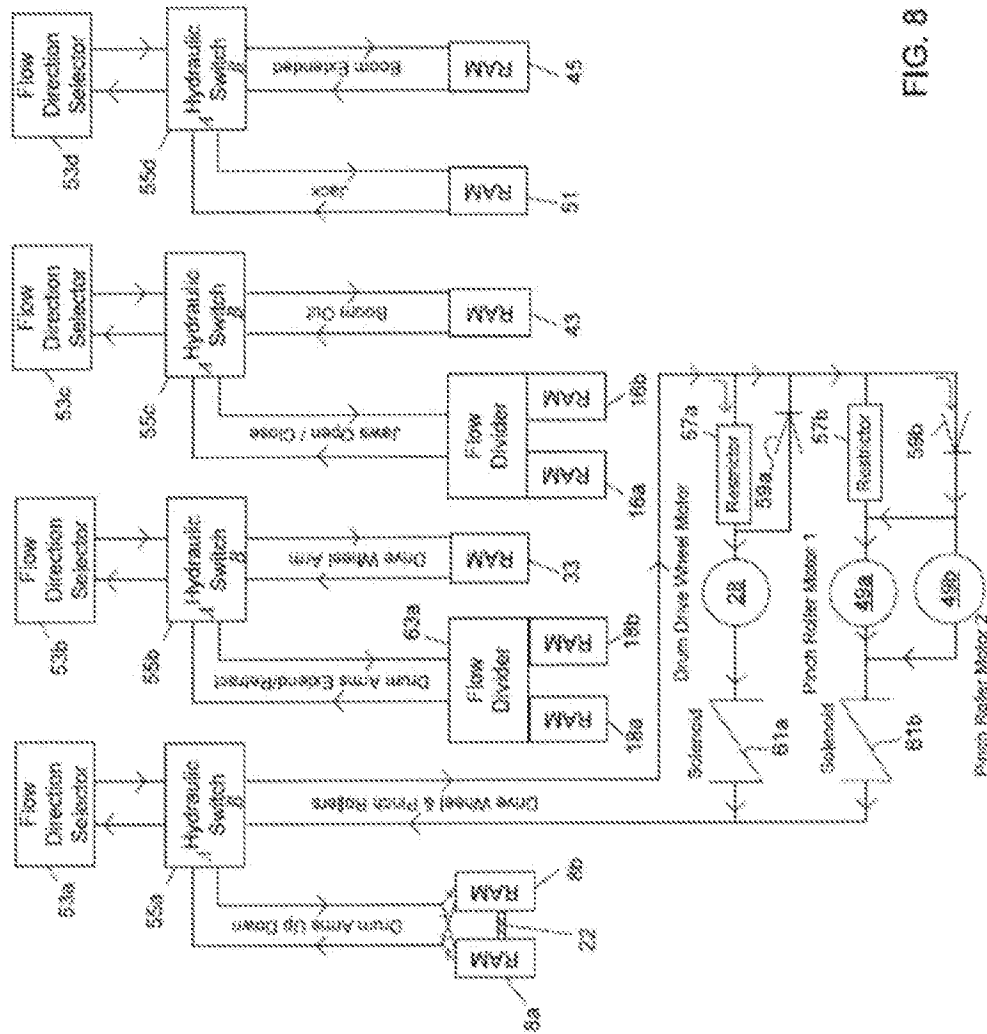


FIG. 8