

How do I know my flow conditioner is blocked and what is the effect on my revenue and measurement. What is this affect over the period of time

Flow Conditioner is located between flanges and I cant isolate my line. How do I rectify?

Blocked Flow Conditioner. ± 0.25 additional uncertainty

Bypassing Line Valve. Can not achieve DBB isolation!

How do I maintain the components ready for plate changout when its in a remote location. If I don't I will have bypass between top and bottom chamber and will need to shut the line down

What is the condition of my pipe and is this affecting my measurement?

I only have a 4-20mA DP output, so how do I know if this is flow or a blockage what really is my measurement

If the OEM of the flow meter is not supplying the meter run, how do I know the two components are in accordance to the design code?

I have deformed the ball bearing in the isolation valve, now I cant isolate the top and bottom chamber and I need to shut my whole line down due to a ball bearing!

I need to inspect my plate on a regular basis or change due to the wide turnaround, but it means I need to manually intervene for this operation increasing cost and introducing potential risk

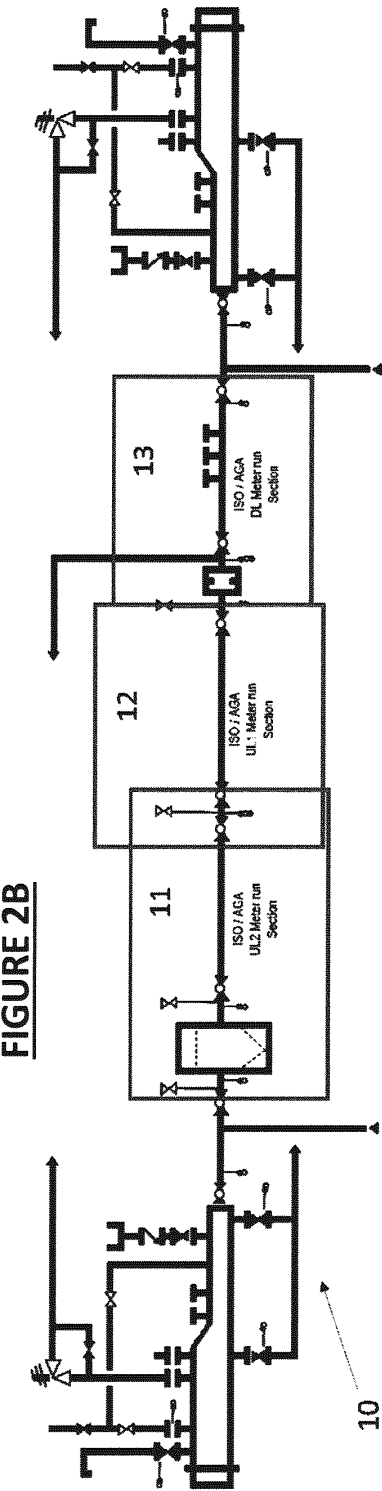
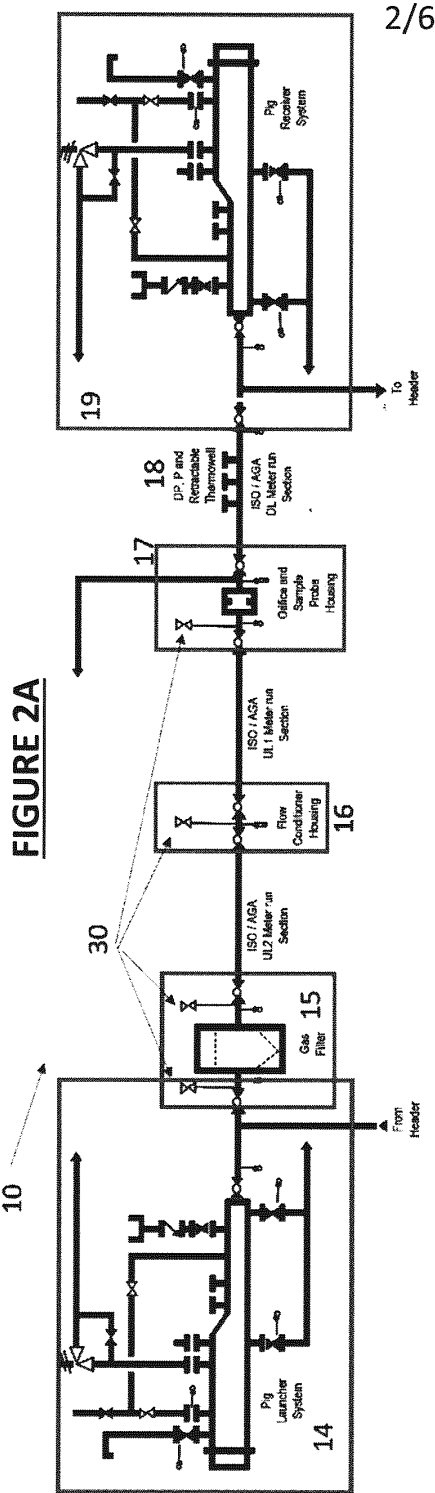
I have installed the orifice plate the wrong way around in the pipe and I have a 15% error!, however there is no fail safe to stop me from doing this?

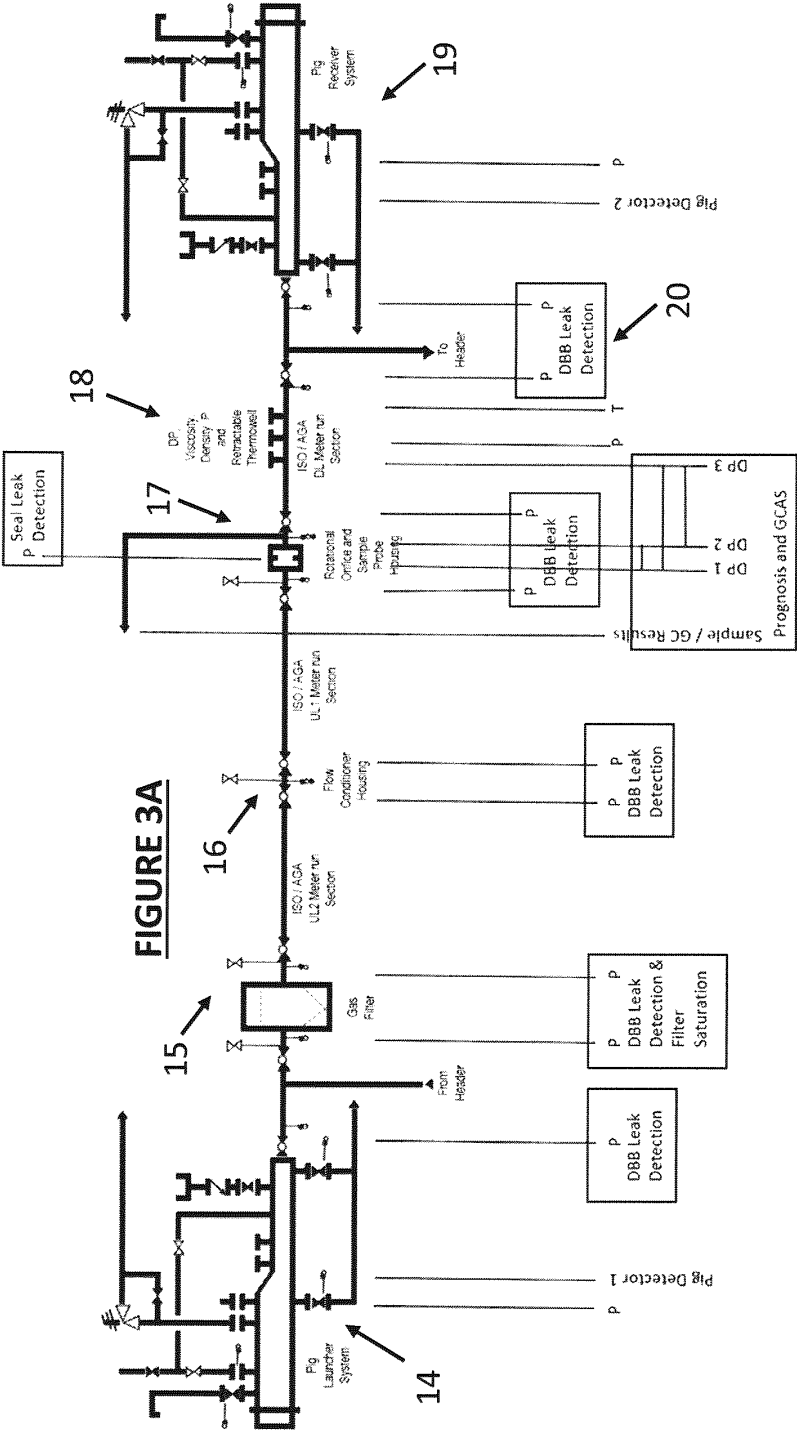
My welded process connections have corroded! These are welded to the meter and the meter is welded to the pipe. I need to replace the whole meter.

My thermowell is damaged due to wake frequency issues, however I can not extract this, without shutting down the whole meter run

FIGURE 1B

PRIOR ART





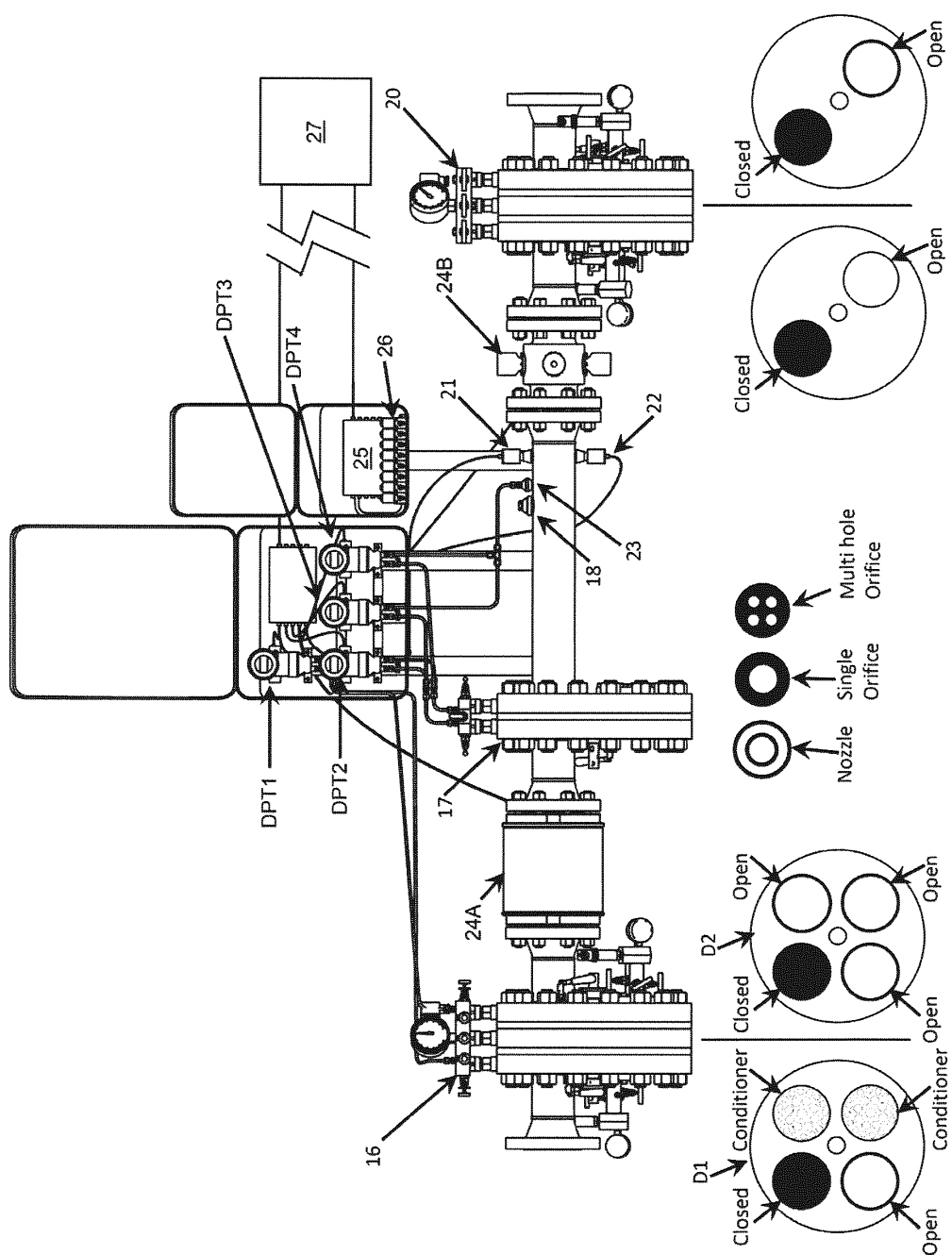
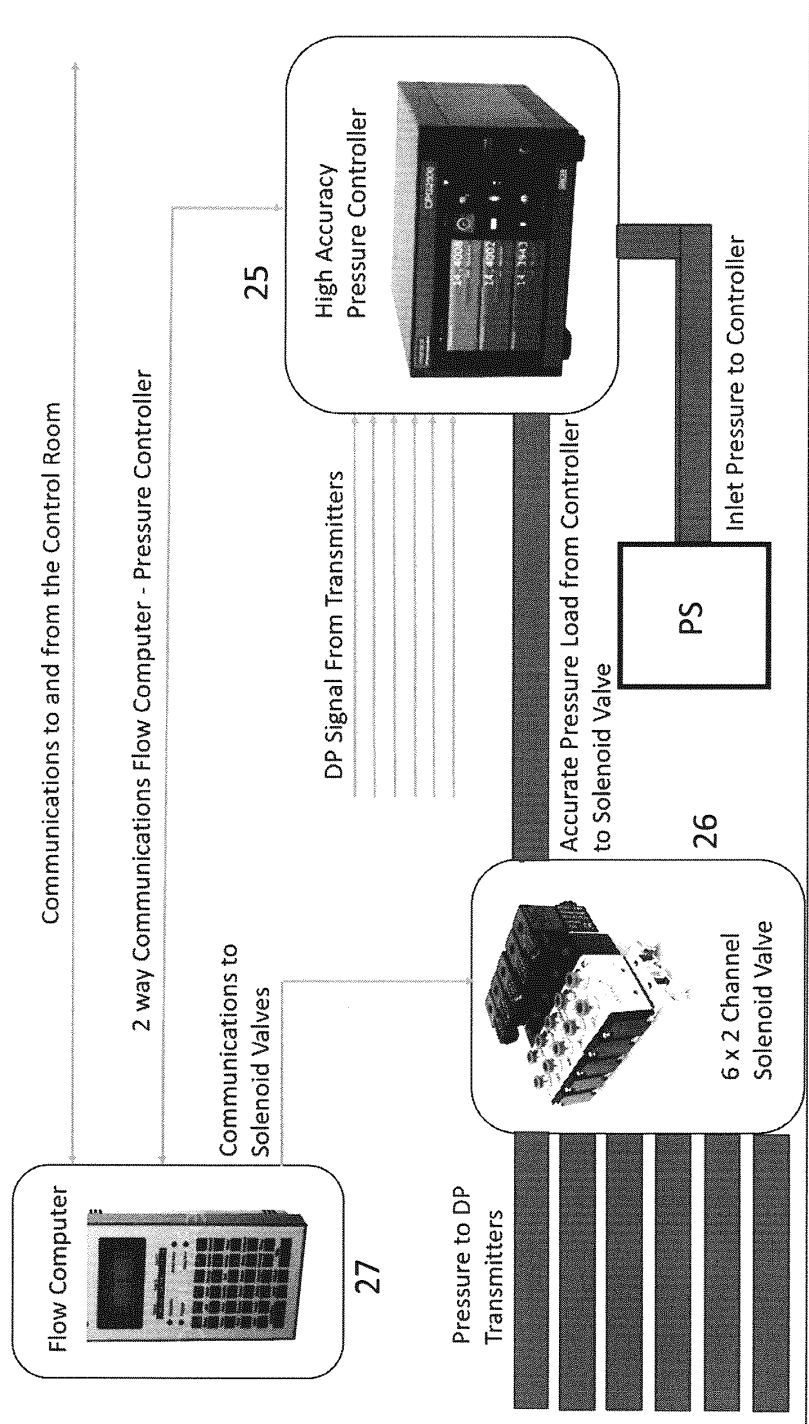


FIGURE 4



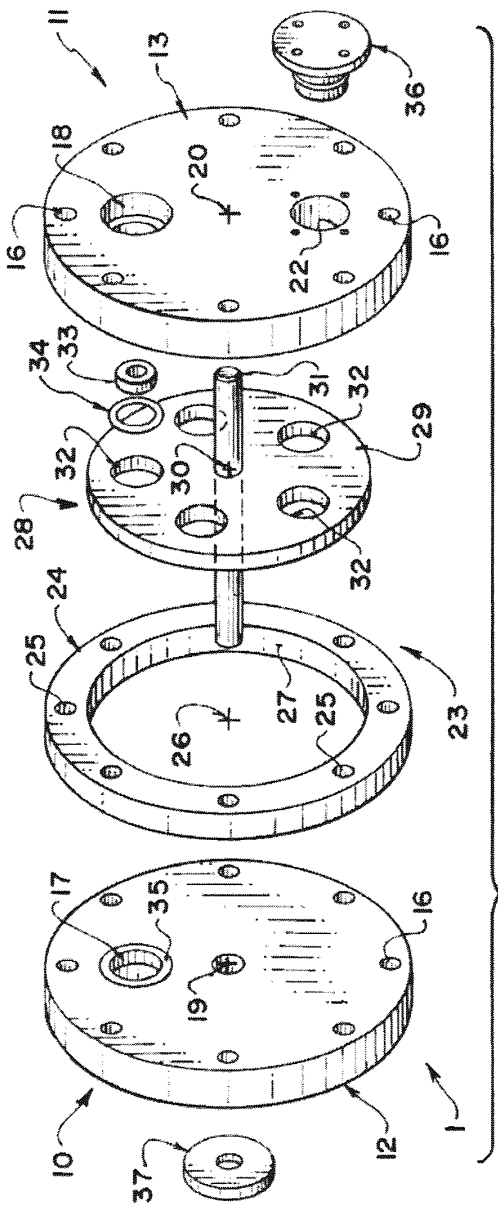


FIGURE 5A
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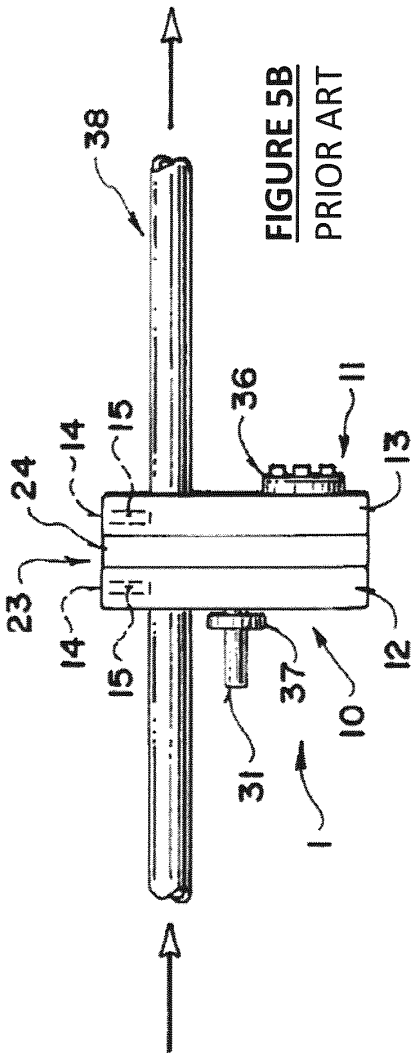


FIGURE 5B
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