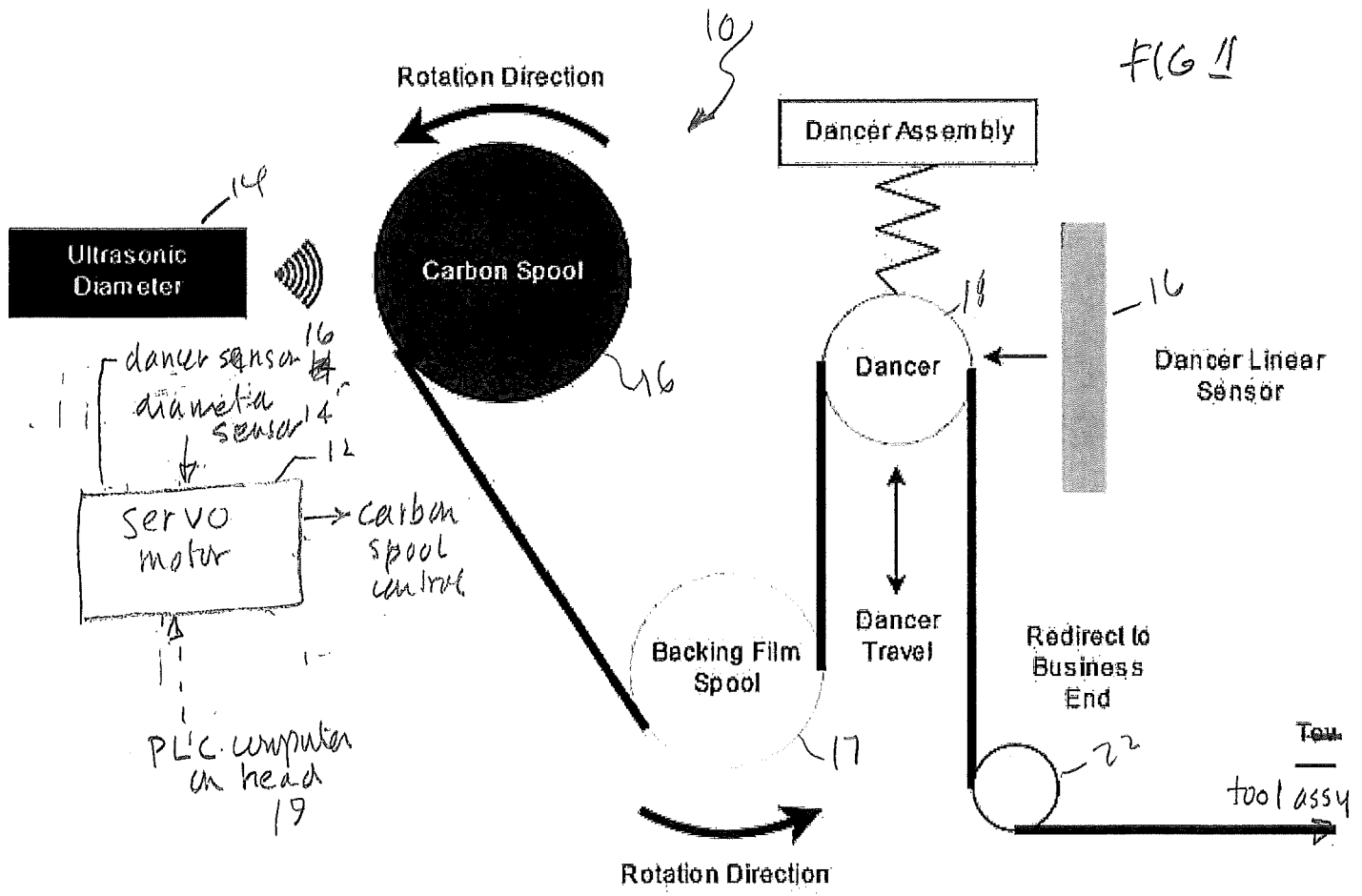
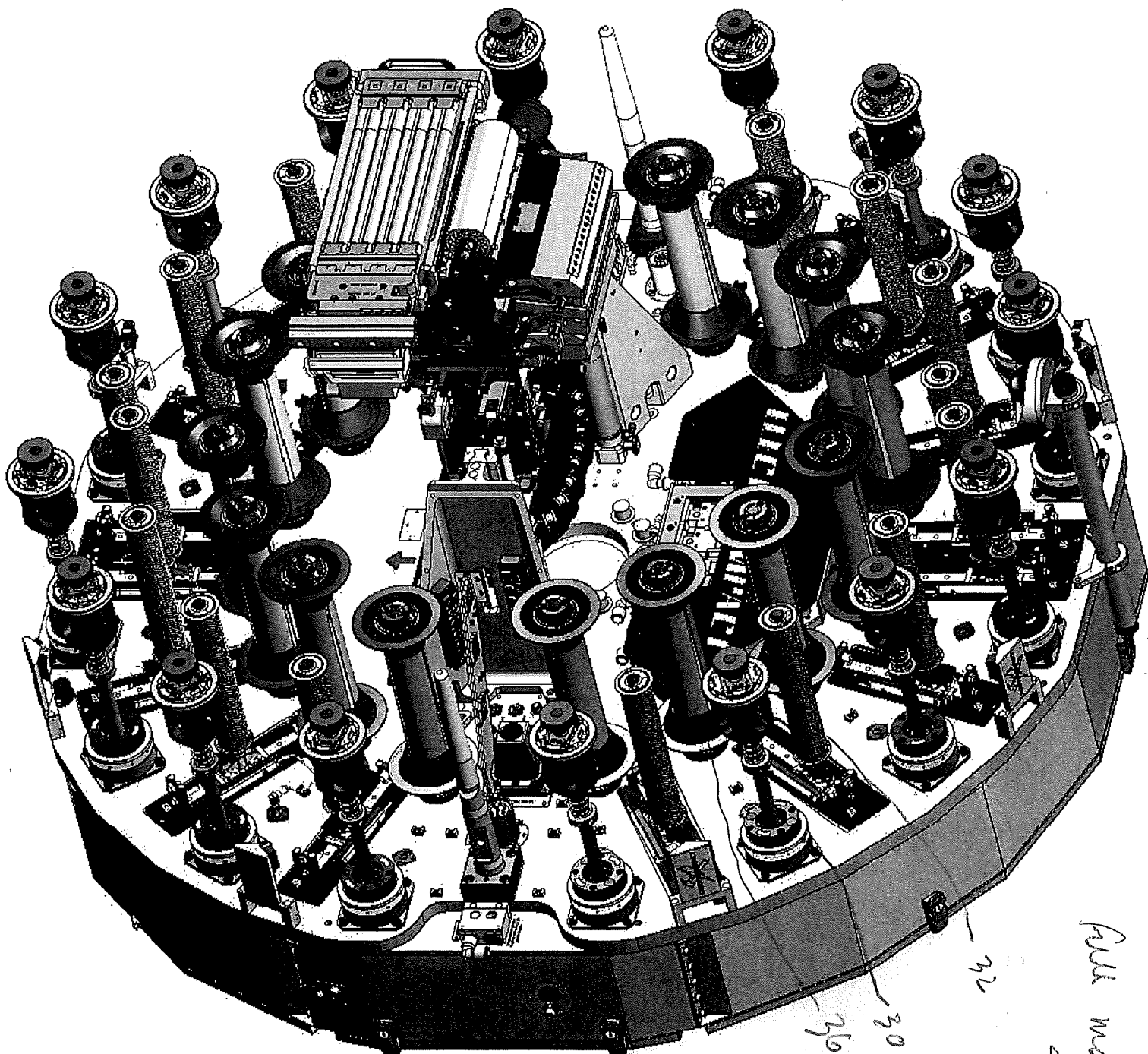


FIG 11



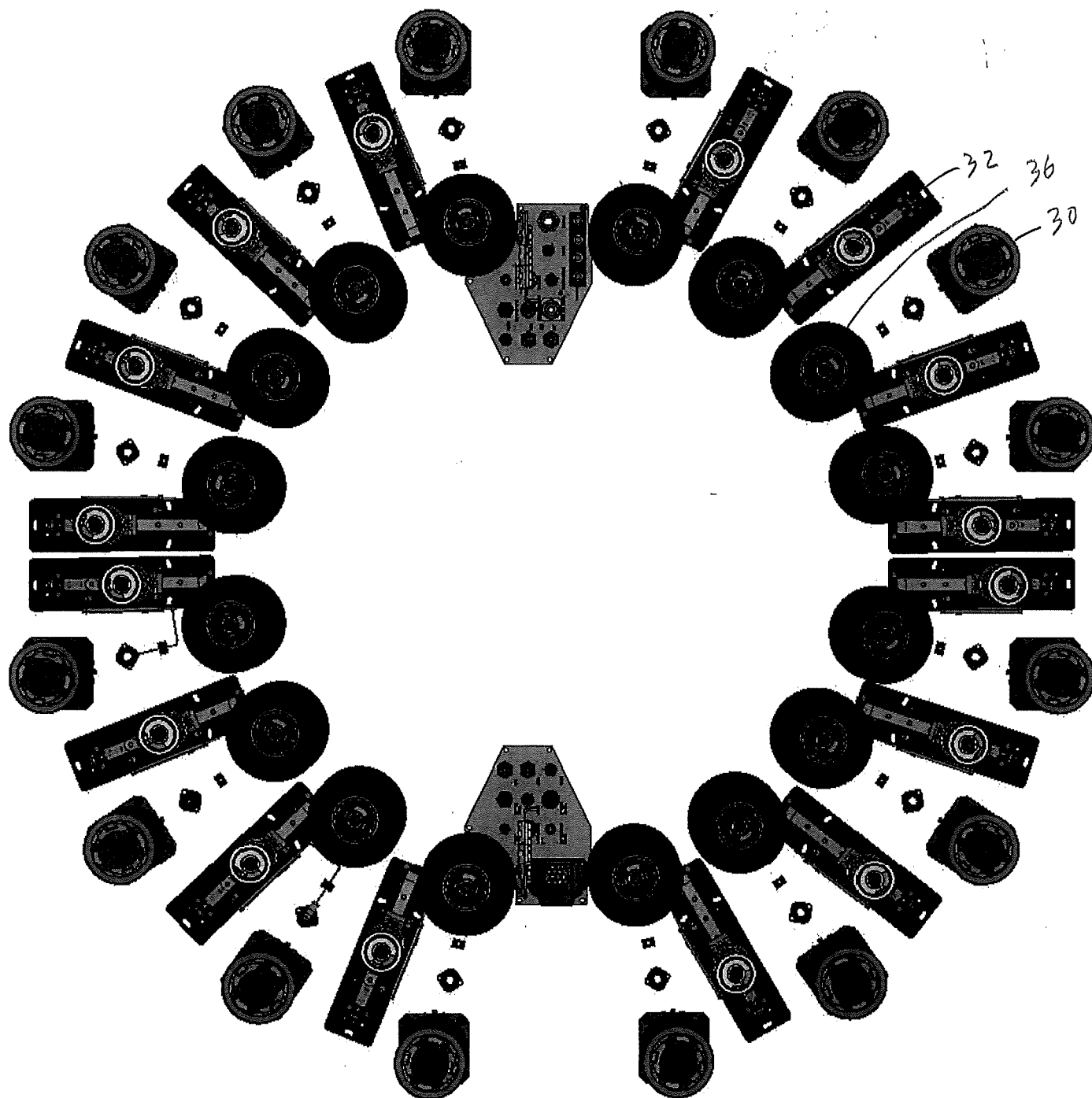


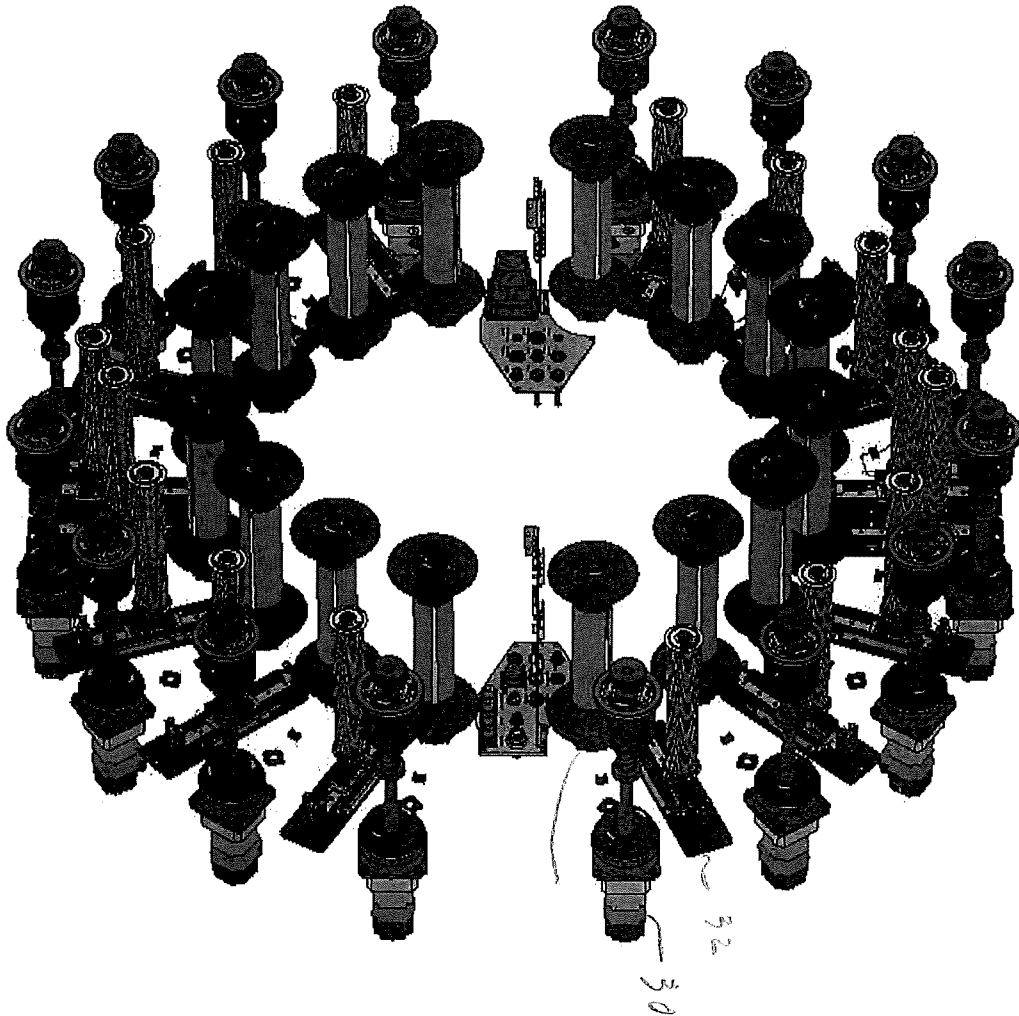
full model
side view
Fig 3

30
36

Reel layout
28 Sept.

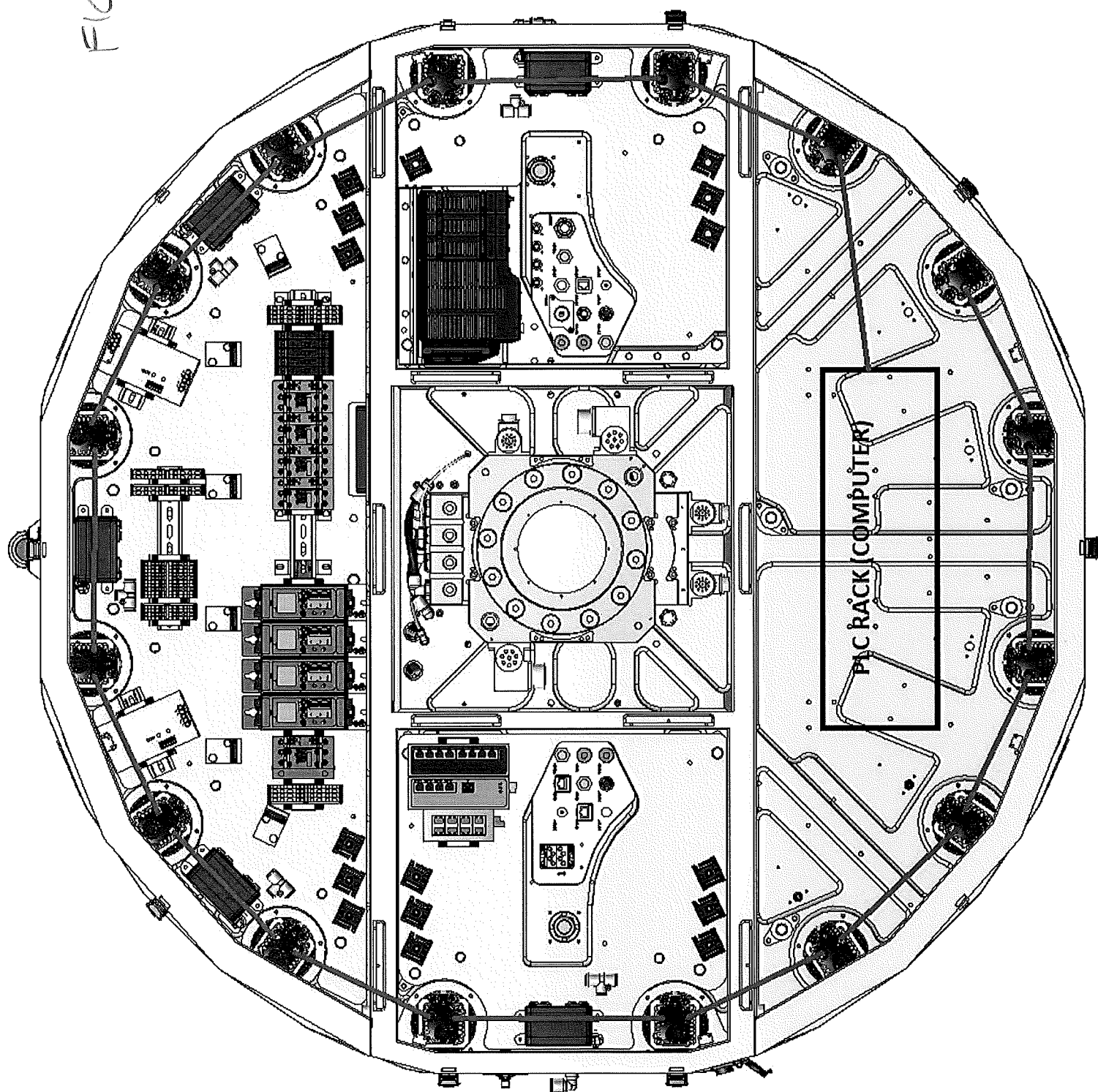
1964



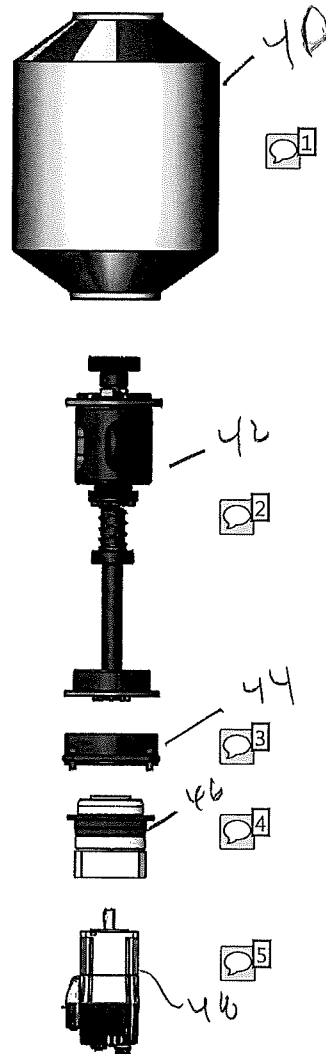


Cross Bay out
side view
20 Sep
1745

FIG 6

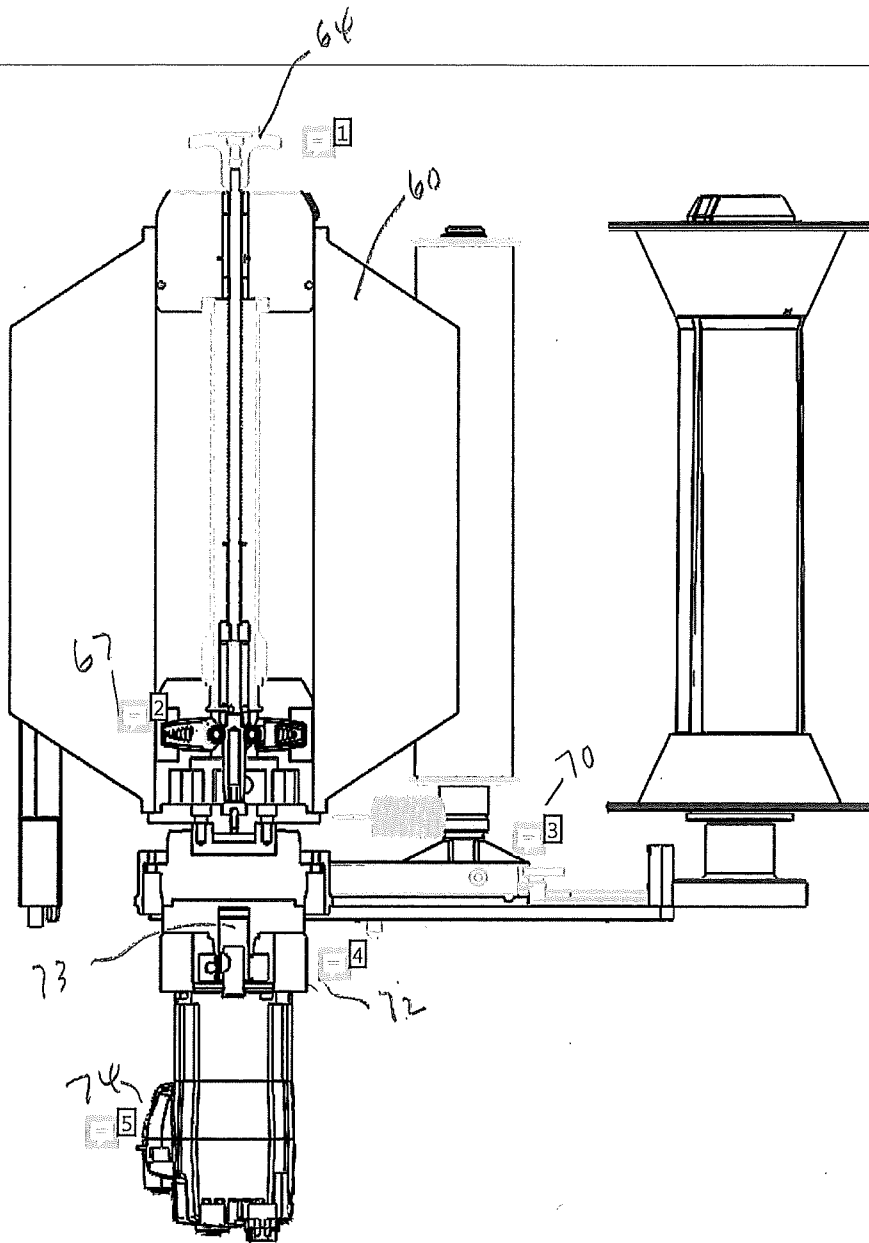


material spindle
28 Sept
Fig 3



Oct 10, 1934

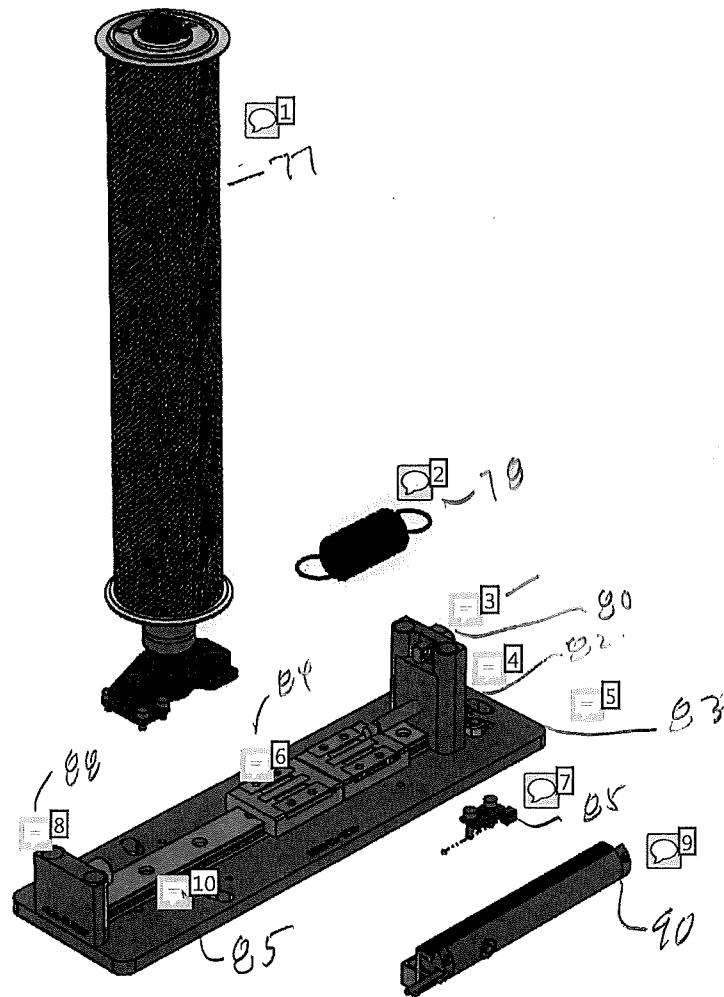
FIG 8



Daniel amolala

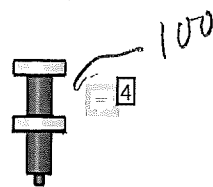
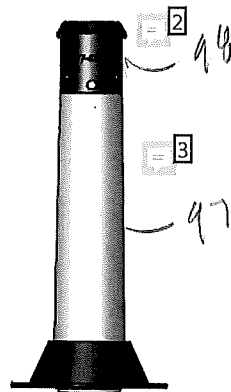
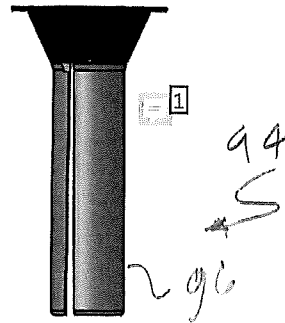
4:38 PM

Fig 9



heater annotated

438 Flg 10



Comp
Ring

110

108

CNC

PLC Computer

112

Raw Diameter Signal

Profinet Communication

114

116

Lane 1

Spool

Gearbox

Servo Motor/Drive

116

120

Profinet Communication

■ ■ ■

Lane 16

Spool

Gearbox

Servo Motor/Drive

116 114 118

118

122

Linear Displacement Sensor

Diameter Sensor

122

124

Linear Displacement Sensor

Diameter Sensor

124

Figure 11