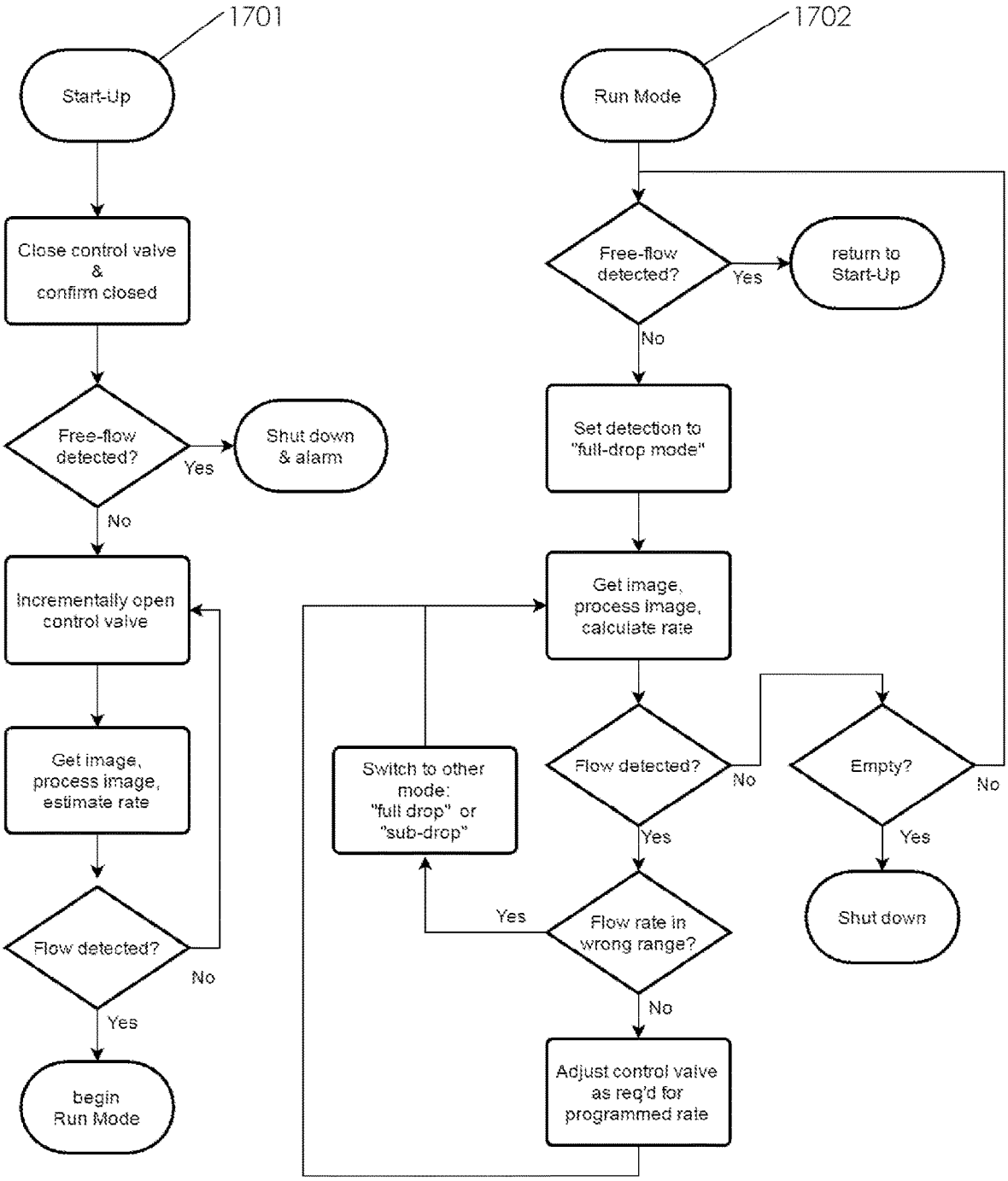
1701
Start-Up
Close control valve & confirm closed
Free-flow detected?
Yes
Shut down & alarm
No
Incrementally open control valve
Get image, process image, estimate rate
Flow detected?
No
Yes
begin Run Mode
1702
Run Mode
Free-flow detected?
Yes
return to Start-Up
No
Set detection to "full-drop mode"
Get image, process image, calculate rate
Switch to other mode: "full drop" or "sub-drop"
Flow detected?
No
Yes
Empty?
No
Yes
Shut down
Yes
Flow rate in wrong range?
No
Adjust control valve as req'd for programmed rate

Fig 17