

I. F. Thompson's Slide Valve



The accompanying engraving represents the I. F. Thompson Slide Valve Corliss Engine of the Automatic, Independent Cut Off type, built upon a plan in many essential features an improvement upon the best methods heretofore adopted in steam engineering.

The valve rod is continued from the eccentric through two exhaust chambers, in each of which is a slide valve

THOMPSON'S Corliss Engine.



The governor feels the change, draws the wedge back, allows the valve to move that much further off the port, and steam to enter. Again, the load decreases or the steam pressure increases, the governor instantly moves the wedge forward and the steam port that much earlier.

The governor is very sensitive, the movement of the balls being multiplied four times in the movement of the wedge,

FOLD OUT