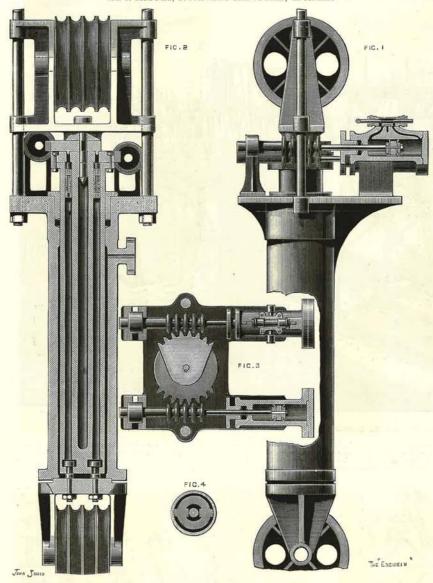
VARIABLE POWER HYDRAULIC APPARATUS.

MR. J. STANNAH, SOUTHWARK BRIDGE-ROAD, ENGINEER,



VARIABLE POWER HYDRAULIC APPARATUS,
The accompanying engraving illustrates a variable power
hydraulic apparatus recently brought out by Mr. Stanah. Its
applicable to cranse, lifts, and hoists, and is of the form usual interend a "Jugor", the one illustrated being a three power
machine for raising weights up to 4, 12, and 20 ext. respectively.

Warr. Harris, Manell-street, Whitechape. It comprises the
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ordinary replinder with the saul stuffing-box, but in place of the
ordinary replinder with the saul stuffing-box in consist essential
is a set of upon simply by giving the ram a portion of a turn.

It will be seen the simplicity of this machine consists essential
to the called upon simply by giving the ram a portion of a turn.

It will be seen the simplicity of this machine consists essential
to be consistent of the conduit pulley, thus doing away with all strain
to a set of the ordinary stuffers of the conduit pulley.

To raise 12 evt. the inner one is locked, the outer run are tree,
to raise the conduit pulley.

To raise 12 evt. the inner one is locked, the outer run are tree,
to raise the conduit pulley.

The AMALGAMATED SOCIETY OF ENGINEERS

AND THE EIGHIT HOURS MOVEMENT.

The crane is already working, and is in every way a complete success

THE AMALGAMATED SOCIETY OF ENGINEERS

AND TH

unlimited overtime, and this was not from a low paid district. Again, there were about 70,000 trades unionists represented at the Bradford Congress, and from the returns presented to that meeting only fitty societies and nine trade councils in the United Kingdom had expressed an opinion on the subject, whilst not more than 35,000 had voted on it, and these were not unanimous. These figures, Mr. Austin points out, do not by any means adequately represent the opinions of trades unions upon the question, and so far it is not quite clear as to what their real opinions are upon the matter. At the same time they should do all they could to hasten the good time coming when every willing worker should have a fair share and equitable payment for the work that had to be done. But in the meantime let them consider the matter in all its bearings, taking into consideration the hours worked by their continental and American cousins before they sought legislative interference in regulating the hours of labour in this country, and he is very emphatic upon one point, which is perhaps the most important of all as bearing upon the question of lessened hours of labour. "For the time being," he urges, "we should do all we can to dispense with systematic overtime, which is, and has been, one of the greatest evils we have had to contend with during the last twenty-five years; and when we have done all that we can for ourselves and by union and organisation with other trades, if we then fail we can as a last resource seek the aid of Parliament to enact a law of eight hours as a standard day's work for the working classes of the United Kingdom."

NEW CABLE GRIP.

In the accompanying illustration are shown the various parts of a new cable grip, the invention of Mr. F. Schelp, jun., of St. Louis, Mo. Its mechanism consists of two jaws, grooved, and supported by a frame consisting of two horizontal bars connected at their ends. Secured to each jaw is a cam, while attached to the frames are plates, as shown, the forked ends of which are pivotted by means of pins. The Street Railway Gazette says it is claimed that by this arrangement a powerful and positive grip on the cable is secured, as the jaws move along

