



Transactions of the Institution of Engineers and Shipbuilders in Scotland Volume 26

By Institution Of Engineers Scotland

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1883 Excerpt: .burns longer the resistance of the circuit increases, the current thereby necessarily diminishes in strength, and the lifting power of the solenoid becomes less, allowing the iron core to drop a minute distance, just sufficient to clear the milled edge of nut N from the pall P, the nut turns round through a degree or so, which allows the carbon to drop a very small distance, the normal length of arc being in this way resumed. The above operation takes place so rapidly that the upper carbon is fed forward in almost perfect unison with the consumption, ensuring a steady light. From tests made of this lamp an actual, not nominal, candle power of 2250 candles, or 1450 candles per horse-power at the lamp, was obtained--the electricity being furnished by an A gramme dynamo. I would like here to explain and clear up an ambiguity which...



Reviews

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