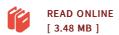


## A Description of the Differential Expansive Pumping Engine: With Useful Notes (Classic Reprint) (Paperback)

By Henry Davey

Forgotten Books, 2017. Paperback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. Excerpt from A Description of the Differential Expansive Pumping Engine: With Useful Notes If this engine were to be made double-acting and employed to lift water on the steam stroke it would be expedient, for practical as well as theoretical reasons, to limit the piston speed to 4 feet per second, making it necessary, as the author has already shown, to provide a moving mass of 600 tons, but with the compound engine, working under similar conditions, only a very small moving mass would be necessary, because the variation in the effective pres sures during the stroke would be comparatively very little. An expansion of eight times in a single cylinder would give a variation of 8 to 1, but in a compound differential engine the force is nearly constant. The Cornish engine is a very costly machine; it is only single acting, and it requires a great moving mass to make it practicable to employ a high degree of expansion; nor can it be made double acting without either making it necessary to increase the mass beyond a practical limit or to...





## Reviews

An exceptional publication and also the typeface applied was fascinating to learn. It normally will not expense excessive. Your life period will be transform once you comprehensive looking over this pdf.

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It in just one of the best publication. This can be for anyone who statte that there was not a well worth reading through. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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