# CHAPTERS ON PAPERMAKING, VOL. IV

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Chapters on Papermaking, Vol. IV by Clayton Beadle

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## **CLAYTON BEADLE**

# CHAPTERS ON PAPERMAKING, VOL. IV

Trieste



## **Chapters on Papermaking**

### VOL. IV.

CONTAINING DISCUSSIONS UPON WATER SUPPLIES AND THE MANAGEMENT OF THE PAPER MACHINE AND ITS INFLUENCE UPON THE QUALITIES OF PAPERS

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### CLAYTON BEADLE

Lecturer on Popermaking before the Society of Aris, 1898, 1900 and 2906; at the Papermakers' Exhibition, 1897; at the Diskinston Institute, on brhalf of the Heriford County Council, 2902, and at the Batterson Polytechnic ' Institute, 2900; awarded the John Scott Legacy Medal and Premium of the Franklin Institute by the Civ of Philadelphia, the Gold Medal of " La Societé pour Vencouragement de Industrie Nationale" of Paris, the Sibbor Medal by the Cauncil of the Society of Aris in 1906, and other Medals and Awards.



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#### 1907

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### PREFACE.

THIS volume is supplementary to Volume III., being a continuation of the discussions on the "test questions" set by the author in 1902-8, under the circumstances referred to in the introductory chapter of Volume III. They are for the most part more advanced than those contained in Volume III., and the number of answers to each question are more numerous in consequence of the system having become better known.

The author gives this to the paper trade in the hope that it will be used in conjunction with Volume III. by the aid fo the index as a work of reference, and that it will be of service not only to papermakers and mill hands, but also to the vast number of users of paper.

The author wishes again to record his thanks to his colleague, Dr. II. P. Stevens, for many suggestions and for his valuable assistance in passing proofs for press.

Laboratories: 15, The Boro', London Bridge, S.E. October, 1907.

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