

RUBBER, GUTTA-PERCHA, AND BALATA. By Franz Clouth. New York: D. Van Nostrand Company, 1903. 8vo.; pp. 250; illustrated. Price, \$5.

This is the first English translation from the German edition. Speaking of the scope of the work, the author says: "Everything worth knowing about India rubber and gutta-percha is exhaustively dealt with." The treatment is systematic and thorough, valuable features of it being the botanical cuts, the maps showing the geographical distribution of rubber plants and of gutta-percha supply plants, and the chart giving price-fluctuations of Para rubber since 1861. The first division of the work deals with India rubber, its natural history, the production of the raw material, commercial points, chemical and physical properties of the raw material, the production of soft rubber goods, vulcanization, the chemical and physical properties of vulcanized soft rubber, hard rubber, or ebonite, and regenerated and artificial rubber. The second division of the work, dealing with gutta-percha, follows the same general plan, as does the third division also, on "balata," except that this is disposed of in one chapter, its importance being relatively small, although, under certain conditions, it manifests properties which make it, for use under such conditions, superior to gutta-percha. In view of the wide interest that is now being manifested in the experiment of rubber cultivation, the book should find a ready sale among American readers.

INDEX OF INVENTIONS For which Letters Patent of the United States were Issued for the Week Ending May 17, 1904.

AND EACH BEARING THAT DATE [See note at end of list about copies of these patents.]

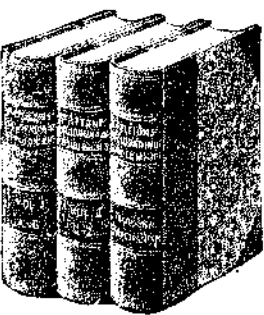
Table listing inventions with names and patent numbers. Includes items like Abdominal supporter, Air-line, making compounds of titanic and lactie, C. Dreher, Advertising apparatus, A. S. Perry, etc.

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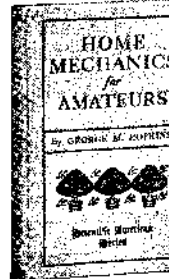
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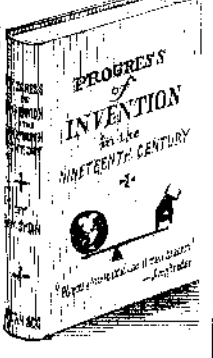
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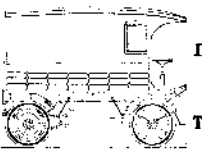
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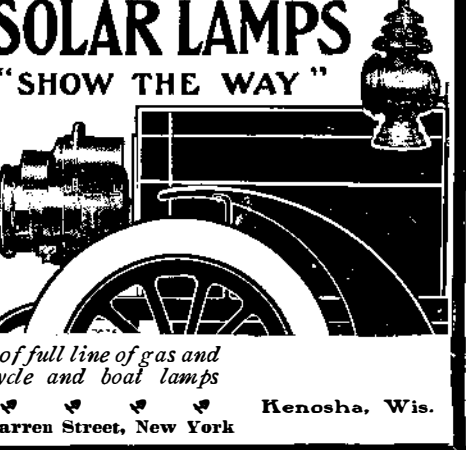
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