

has not been wasted. He has drawn his materials from everything than can be discussed with educated people, without demanding anything more than a little attention. Excavations, religion, travels, popular customs, literature, and history have each and all furnished him with subjects. The result is a living picture of the researches made in the domain of Egyptology during a period of fifteen years. The book is a most fascinating one to all who have even a slight appreciation of what Egyptology really means. Many chapters deal with the very latest discoveries and matter that has never before appeared in book form.

THE LIFE OF MAJOR-GENERAL SIR CHARLES WILLIAM WILSON, ROYAL ENGINEERS, K.C.B., K.C.M.G., F.R.S., D.C.L., LL.D., M.E. By Colonel Sir Charles N. Watson. New York: E. P. Dutton & Co., 1909. 8vo.; 419 pp. Price, \$5.

The material from which this memoir of the late Sir Charles Wilson has been compiled consists principally of his own diaries and notebooks, which he always kept in a very thorough manner; all his official reports printed in Parliamentary papers and all other public writings; and more especially, all his letters to his wife, which recorded everything which he did and saw during his travels. Sir Charles Wilson's career was a remarkably varied and interesting one. He was selected to serve on the North American Boundary Commission. For many years he served upon the Astronomical Survey, and had charge of that department in Scotland, Ireland, and afterward in the United Kingdom. He also was employed by the War Office; Foreign Office Survey under Lord Dufferin in Egypt. Sir Charles was prominent in his close connection with the Sudan question and the mission of Gen. Gordon. In the Nile Expedition of 1884 he held the important position of Chief of the Intelligence Department. Sir Charles Wilson had many interests in life outside of his military and political positions, and probably did more than any other man to increase the knowledge of the geography and archaeology of Asia Minor, Palestine, and adjacent countries. The book is an entertaining one to those who care for memoirs.

STAINED GLASS WINDOWS IN ENGLAND. By Charles Hitchcock Shirrel. New York: J. Lane Company, 1909. 12mo.; 254 pp. Price, \$2.50 net.

This admirable book is a rational guide to the study of stained glass in England. It is accompanied by maps which show how the cities may be visited in their proper sequence with as little fatigue and crossing of one's path as possible. Not only are many noble cathedrals visited, but smaller religious edifices and secular buildings of many types are treated. In this latter category are treated the universities of Oxford and Cambridge and one of the finest of the stately homes of England—Knole. Any cultivated person who completes the tour as outlined will have obtained a well-rounded impression not only of glass but also of history, as well as an intelligent insight of the customs of England. Unfortunately, no form of illustration can hope to reproduce the combination of light and color which makes up the beauty of stained glass. Those selected by this book are the best obtainable, but are chiefly useful in showing how the windows are set. It is not a technical book, so that scale drawings are not required. It is a beautifully printed and bound book.

HAPPY HAWKINS. By Robert Alexander Wason. Boston: Small, Maynard & Co., 1909. 16mo.; 352 pp. Price, \$1.50.

"Happy Hawkins" is a quick-tempered, independent, loyal, lovable, adventurous, and philosophical cowboy of the plains. He tells his own story in his own way, and after a plan of his own. His knowledge of human nature, his simple-hearted devotion to those he loves, his ability to get into trouble and out of it, his self-possession in any society—all these qualities make him one of the most original characters in modern fiction. Mr. Wason tells a story full of red blood, with action, romance, and the interplay of hot human passions, with an intricate plot, an abundance of incident, a great variety of scene and type, shrewd philosophy, genuine pathos, and, perhaps best of all, real fun and humor on nearly every page. It covers the growth from childhood to womanhood of Happy's little playmate, Barbara, the daughter of his employer, "Cast Steel" Judson, of the Diamond Dot ranch, and swings round from Wyoming to Texas, Nevada, California, Montana, and back again. The book easily establishes the author's reputation as a great storyteller and fun-maker.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Issued for the Week Ending August 24, 1909, AND EACH BEARING THAT DATE [See note at end of list about copies of these patents.]

Adding machine, J. G. Vincent..... 932,073
Aerodrome, W. Sinclair..... 931,966
Air, distributor for apparatus for carbureting, A. A. Louis..... 932,150

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PATENTS

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A Free Opinion as to the probable patentability of an invention will be readily given to any inventor furnishing us with a model or sketch and a brief description of the device in question. All communications are strictly confidential. Our Hand-Book on Patents will be sent free on request.

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Table listing various inventions and their patent numbers, including items like Alkali silicates, Ammunition rammer, Amusement apparatus, Automobile, and many others.

Table listing various inventions and their patent numbers, including items like Cement and making same, Gas meters, Heating apparatus, and many others.