

THE SPLENDID SPUR OR THE ADVENTURES OF JACK MARVEL.

By ARTHUR T. QUILLER COUCH.

CHAPTER IX.

Being by this time angered, I did a foolish thing; which was, to clap the muzzle of my pistol against the gratings close to the fellow's nose. Singular to say, the trick served me. A bolt was slipped hastily back and the wicked door opened stealthily. "I want," said I, "room for my horse to pass."

"There, sir, you are wrong! Her father was killed on the night of which you speak—cruelly enough, as you say; but Mistress Della Killigrew escaped, and after the most incredible adventures—"

of his sins, which lies among my papers to this day. When it was written and signed, in a weak, rambling hand, I read it through, folded it, placed it inside my coat and prepared to take my leave.

GOOD ROADS.

Having provided the good roads legislation affording State co-operation to an initial and limited extent to the counties and towns by the two complementary statutes of 1898 and their perfection since, without impinging upon local option, home rule or the administrative autonomy of the counties and the towns, but preservative of the same, let us so conduct matters that the State's contribution and co-operation stop with this half share in first construction in justice and equity.—John A. C. Wright.

Humor of Today

A duke in the court of St. James Was great at remembering names. Especially when They weren't of men, But rich young American dames. —Cleveland Leader.

POPULAR SCIENCE

The lifting of massive iron and steel plates, weighing four, six and twelve tons, by magnetism is now done every workday in a number of large steel works. The magnets are suspended by chains from cranes, and pick up the plates by simple contact and without the loss of time consequent to the adjustment of chain and hooks in the old method. It is also found that the metal plates can be lifted by the magnets while still so hot that it would be impossible for the men to handle them. A magnet weighing 300 pounds will lift nearly five tons.

WORDS OF WISDOM.

Make a virtue of necessity. They that govern the most make the least noise.—Selden. It is madness to live like a wretch and die rich.—Burton.



The Fat Woman—"The Armsless Wonder" tells some awful funny things.

The Bearded Lady—"Yes; and he says them in such an off-hand way, too."—Puck.

Quite Extraordinary. Mrs. Malaprop—"Mrs. Vane's awful stuck up about her shapely hand."

Mrs. Browne—"Is she, really?" Mrs. Malaprop—"Oh! my! yes. Why, she's so stuck on it that she's had a marble bust made of it!"—Philadelphia Press.

Pop! "Yes, my son." "Are not fleas very hard to catch?" "Very hard, my boy."

"How is it, then, that mamma gets 'em so she can put 'em in your ear all the time?"—Youkers Statesman.

Hasty Correction. Mrs. Gaswell (at the concert)—"What horrible discord!" Mrs. Mannerborn—"Why, that's Wagner music."

Mrs. Gaswell—"Certainly. As I was saying, what horrible discord Wagner is to some people!"—Chicago Tribune.

Popular Belief. "Bacilli," remarked the boarder who had been reading the scientific pages in a patent medicine almanac, "are invisible."

"Right you are," rejoined the cheerful idiot. "At least, those in kisses are simply 'out of sight.'"—Chicago News.

A Fatalist. "So he has failed, eh? I guess he doesn't believe in his luck like he used to."

"Oh! yes he does; more thoroughly than ever!" "Indeed?" "Yes, in his bad luck."—Philadelphia Press.

He Knew. "Children, we will now have an example in division. Tommy Tiggley, if your father brought home \$10 to divide with your mother, what would she get?"

"Ten dollars." "Tommy, you don't know your lesson." "No, ma'am, but I know my mother."—Cleveland Plain Dealer.

Of Course. Subbubs—"I nearly broke my back shoveling the snow off my place yesterday." Backlots—"Well, it's a good thing summer isn't here, too."

Subbubs—"What are you talking about?" Backlots—"Why, if we had winter and snicker together you'd have to shovel snow and cut the grass, too."—Philadelphia Press.

Professor Penck publishes in a recent number of the National Geographic Magazine an account of the progress made during the last five years in the execution of a map of the world on a scale of 1:1,000,000, and which was presented to the International Geographical Congress at Washington. During the last four years France, Germany and Britain have issued three series of maps, containing sixty-one sheets worked out on the same scale and in the same style of division of sheets. These maps cover nearly 10,000,000 square miles.

A clock which will run for two thousand years has been invented by Richard Strutt, son of Lord Rayleigh. The motive power is a small piece of gold-leaf which is electrified by means of a very small quantity of radium salt. It bends away from the metal substance and keeps moving under this influence until it touches the side of the containing vessel. At the moment of contact it loses its electric charge and then springs back and is again electrified, and the process repeats. Sir William Ramsay considers that this may be made into a very reliable time-piece at an expense of about \$1000.

Addition and other mathematical processes are performed by labor-saving machines, and we are next to have mechanical reasoning. The logic machine of Prof. C. H. Rieber, of the University of California, is an improvement on that of Stanley Jevons, the English logician. In the "circle notation" of logicians all premises have separate symbols, and conclusions are produced by a combination of these symbols; and on pressing the keys of the new machine—something like an adding machine—a manipulation of circles and electric lights throws into relief all formulas that are possible answers to logical questions. The proper keys have no chance of error.

The principle of the aeroplane has been applied in a novel manner by a French inventor, Count Lambert, whose idea is to count a boat glide over the surface instead of forcing its way through the water. The apparatus is called a hydroplane. It consists of a raft-like boat, having underneath five inclined planes, one behind the other, and sloping backward. The inclinations increase from bow to stern. A submerged propeller, actuated by a fourteen-horse-power motor, drives the boat, and as it begins to move the planes lift it to the surface, over which it runs with surprising ease and speed. It is suggested in the Scientific American that an air propeller, instead of a submerged propeller, would improve the hydroplane. Count Zeppelin has demonstrated the practicability of air propellers.

New Uses For Electricity. It is a French engineer who seriously announces his invention of a suit of electric clothing, with fine wire woven in the goods and a storage battery. By means of this invention he affirms that the body can be kept in a comfortable temperature in the coldest weather. There is no apparent reason why we should stop with this. Little if any more current would be needed to produce a light such as persons on the vaudeville stage display. Thus every pedestrian at night would become a walking lamp post, with electric force enough to shock an inebriate who might wish to cling to him. It would be practicable, too, for an American inventor to connect the current with roller skates, thus allowing every man to be his own trolley car.—Philadelphia Ledger.

Free Shines For All Corners. Located at short distances throughout a Sixth avenue department store are artistically constructed bootblack stands in charge of dapper young men who perform dual service of operators and demonstrators. Regardless of whether the footwear was purchased on the premises, men, women and children are invited to avail of this opportunity "to shine him up." This novel scheme was projected by promoters of a certain brand of polish. Interest in the something for nothing campaign is daily at fever heat, masculine and feminine bargain hunters eagerly seeking preferred position in the "next" line.—New York Press.