

The greatest heat is never found on the Equator, but some 10 degrees to the north, while more severe cold has been found near the Pole.

One of the oldest and most curious samples of the locksmith's art is at-tached to the door of Temple Church, Fiet Street, London. The key weighs 7 pounds, is 18 inches long, and, unlike other keys, it was not made for the lock. On the contrary, the lock was made for it.

In the south of France one may see, at the little wayside stations, women attending to the signals of the half dozen daily trains; while the companies regularly economize at the level cross-ings by employing female labor. The hus-band can be seen at work at his vines upon the hillside, while the wife waves the green flag and keeps the children quiet.

well known instance of this. Its coo-ing can be distinctly heard, although it does not open its bill. The call is formed internally in the throat and chest, and is only rendered audible by resonance. Similar ways may be ob-served in many birds and other animals. The clear, loud call of the cuckoo, ac-cording to one naturalist, is the resonance of a note formed in the bird. The whirring of the snipe, which be-trays the approach of the bird to the hunter, is an act of ventriloquism. Even the nightingale has certain notes which are audible while the bill is closed.

Germany has been doing some figuring on the annual profit to Europe from the American tourist invasion. It is as-sumed that 300,000 persons make a fly-ing trip across the Atlantic each year, and their expenditures, exclusive of steamship tickets, are averaged at \$700 a head, or a total of \$228,000,000. The sum is mostly divided among the rail-roads, hotels and boarding houses, tail-ors and dressmakers, and art dealers. It is estimated that 30,000 American wo-men buy more or less clothing in Paris every year, and that they leave \$8,000,-000 as a minimum with the dressmakers and \$1,500,000 with the milliners.

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minutes. He further wounded another lion, the one waiting on the platform. However, the latter, after being wound-ed, disappeared and could not be found, so the sportsman went along the siding to look for him. He found him—sud-denly—but owing to his swiftness in getting in a blow from the shoulder on the lion's jaw after an exciting rough and tumble, he found himself on top when the lion bolted into the bush.

The conditions of the Arctic atmos-phere are so favorable for the trans-mission of sound that it is possible for two persons to converse through a mile

In Switzerland uniformity, or fixed prices, may be arranged, but agree-ments to discriminate against or to prohibit the sale of any article are not permitted by law.

Experiments have recently been made with an infiammable paste on bullets. When the bullet leaves the muzzle the when the bullet leaves the muzzle the paste ignites, leaving a stream of smoke behind it, enabling the marksman to watch its course, and, if necessary, correct his aim for the next shot.

One of the curious things that men of science have discovered in their innum-erable efforts to measure and map the erable efforts to measure and map the earth with the least possible error is the fact that there are places where the direction of a plumb line is not vertical. Irregularities of density in the crust of the globe may produce this phenomena. A remarkable instance has been found in the island of Porto Rico, where the deviation from the vertical is so great that, in mapping the island, the nor-thern and southern coast lines, as shown on the other maps, had each to be moved inward half a mile.

It is thought that the old Caylloma silver mines in Peru are probably situ-ated at a greater elevation than any other considerable mines in the world. Their altitude varies between 14,000 and 17,000 feet. They were worked by the Spanish in the sixteenth century, and before that, it is believed, by the Incas. An English company is now preparing a hydro-electric plant for them. This plant will be situated at an altitude of between 15,000 and 16,000 feet. It will derive its power from a waterfall on the Santiago River, and in a dry season from Lake Huaillacho, one of the sources of the Amazon. The power will be transmitted by cable about 3 miles.

The last discovered and most distant of great planets, Neptune, extended the solar system more than one thousand million miles. Prof. Geo. Forbes is seekmillion miles. Prof. Geo. Forbes is seek-ing an even more distant planet, so confi-dently that he has actually named it Vicoria, and he expects that it will be found about 10,000,000,000 miles from

Trousers were not introduced into Trousers were not introduced into England without a struggle—a struggle in which the Duke of Wellington suf-fered his only defeat. For it is on record that in 1814 he was refused ad-mission to Almack's "because he wore trousers instead of breeches and silk stockings." Next year trousers were admitted to Almack's, and Wellington won Waterloo.

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