



AND BRUTUS IS AN HONORABLE MAN.—New York Post



POSTTRAITS OF THE TRAINER OF THE FOOTBALL TEAM AND THE REST OF THE FACULTY.—Chicago News



DON QUIXOTE WEAVER—WHERE AM I AT?—New York World



POLITICS AT THE COUNTY FAIR.—Chicago Herald



AMERICAN WORKINGMAN—NOW YOU HAVE THAT GAZE SHUT, KEEP IT SHUT! IT IS A GOOD THING TO PROTECT ME AGAINST THE COMPETITION OF EUROPEAN PAUPER LABOR; BUT WHY NOT ALSO PROTECT ME AGAINST THE MILLIONS OF PAUPER LABORERS WHO ARE SWARMING HERE? WE WANT NO MORE IMMIGRATION. GIVE ME DOUBLE PROTECTION.—Judge



HOW LONG CAN THEY HOLD THE FORT.—Chicago Times



ALARM IN NEW YORK—THERE'S A NEW COP ON THIS BEAT.—Philadelphia Inquirer



COLUMBIA—DEAR MEX I THOUGHT I HAD GOT RID OF THAT CLEVELAND BOMB.—New York Recorder

RIDING IN MIRAGES.

The Wonderful Panorama That Unfolds Along the Staked Plain.

PICTURES PAINTED IN THE AIR.

From Weeds a Foot High Magnified into Graceful Cedar Trees.

GRANDEUR OF A STORM ON THE SANDS

vaquero, its softness and sweetness and terror. Riding on this plain for the first time, especially to one who has always dwelt among mountains—like being suddenly turned loose out of time and space into eternity and infinity. So unspeakably vast is it, imperiously awes the beholder, your father and command away your imagination that they fly out in every direction and leave you in a sort of pleasant daze. The everlasting stretches spread out and out and out on every hand, their unbroken silence lying upon them like a garment. Not any tree or bush, no little hill or hollow anywhere, the smallest elevation or reservation—the eye is in free command of all; yet nowhere that I have ever been is there so ever present a sense of mystery.

HUNTING A NEW FISH.

The Fish Department Sends Out a Boat for a Valuable Sea Food.

HARD BRAIN WORK NEVER KILLS

A Nickel-in-the-Slot Machine for Reading on Railroad Trains.

THE ODDS AND ENDS OF SCIENCE

connected with one another in columns by 1891-2 the total expense of these cars has amounted to 15,394 per mile run, while the receipts only reached 13,254, leaving a loss of 2,144 per mile run, or equal to over \$8,000 on the 12 months' working. A careful analysis and comparison of the detailed figures given both this year and last by the Birmingham Tramway Company, however, points a different complexion on the matter. It transpires that a series of exceptional charges have been passed through the books of the company, and had not taken place, the accumulator cars would have shown a profit. The best proof that the directors of the company have faith in the soundness of accumulator traction as a commercial investment is the fact that they have entered into a contract for the maintenance of the batteries at 1d (2 cents) per mile run.

ALARM IN NEW YORK—THERE'S A NEW COP ON THIS BEAT.—Philadelphia Inquirer

Dr. Pye Smith holds that there is no fear of the ordinary man using his brains too much for health, and he does not believe that mental labor or honest work of any kind interferes with health or shortens life.

THE ODDS AND ENDS OF SCIENCE

The United States Fish Commissioners' Department has detailed the Grampus to make an important and interesting cruise. The object of the expedition is the search for the blue whale, a specimen of which was caught in 1879 by a Gloucester skipper named Kirby. Captain Kirby, fishing for cod on grounds not previously explored, southeast of Nantucket, brought up several hundred most brilliantly colored fish, possessing characteristics of the sea perch and the mackerel, and yet distinct from either. The body was spotted with greenish-yellow patches, and the colors were more varied and brighter than those of any fish ordinarily caught outside of the tropics. The fish ran from ten to fifty pounds, and was remarkable for its spot dorsal fin, like that of the salmon, but placed in front of the regular dorsal fin, instead of behind it; its head resembled that of the dolphin. The fish was salted and proved such good eating that the attention of the Government was drawn to the possibility of developing a new food product, and the next season the Fish Commission's cruiser was sent out to explore.

DECLINATION OF THE MOSQUITO.

The latest mosquito remedy bears the impress of a scientific mind, while being eminently practical. The inhabitant of the tropics, finding the insects very troublesome, traced them to their breeding place, a rain water pool in the neighborhood with a surface of 60 square feet.

BLACKENING OF INCANDESCENT LAMPS.

From the consumer's point of view, one of the chief charges that can be brought against the incandescent electric light is the fact that its efficiency falls off with use. At the electrical laboratory of the Ohio State University, a prolonged inquiry has been conducted into the "life" and efficiency of the incandescent lamps of ten different American makers. The results show that the mean candle-power falls off at the rate of approximately 10 per cent in 100 hours of use; that the life of 95 out of 127 lamps exceeded 11,000 hours, and that the average initial efficiency was 4.5 after 600 hours of use. One of the most interesting results indicated by this investigation was that the blackening of the lamp bulbs is due to the deposition of carbon particles from the filaments, but is largely owing to vapor of mercury left in the lamp chamber by the Sprengel pump. The evil was far less apparent in lamps exhausted by pumps which did not involve the use of mercury. The reason of this blackening is that the point which should be cleared up by chemists is it is suggested that minute quantities of sulphur may exist in the filament, and may combine with the traces of mercury vapor, forming, after a time, black, solid mercury sulphide.

AN OPENING FOR INVENTORS.

An engineer has written to one of the dailies to advocate the disoxygenation of glass. He argues that since steel is made by disoxygenating molten cast iron by blowing air through it, by a process reversely analogous glass can be softened into toughness and flexibility. He maintains that glass, which is not only much cheaper than iron, but much denser and tougher, can be put to any of the uses of iron excepting electrical conduction, while for drain pipes and water pipes it would be unequalled. The champion of disoxygenated glass maintains that it could be used instead of tin and copper, and would replace iron for rigging and fencing, etc., as it possesses almost three times the tensile strength of steel. It is not improbable that vessels built of glass plates and plates will eventually replace our present steel ships, as they would be stronger, cheaper and one-half lighter.

IMPROVEMENT IN BILLIARD TABLES.

An improvement in cushions for billiard tables consists in inclosing or imbedding in the nose of the rubber cushion a cord or wire so located that it receives the direct concussion or impact of the billiard ball. The effect of this stiffening of the cushion is to return the ball with greater energy than before, and thus lessen the retardation caused by friction of the cloth.

TANNING BY ELECTRICITY.

A French paper tells of a new process of tanning by electricity, which, it is said, is being used on the skins of the stray dogs gathered into the Paris pound. The electric system, it is alleged, transforms the skin into leather in four days, against the six or eight months required in the ordinary process, and the leather so tanned is softer than that tanned in the ordinary way. It is chiefly used for ladies' fine shoes, and is notable for its soft and delicate qualities.

TOTAL ABSTINENCE NOTES.

The children's pledge cards are having a boom. The Board of Government will meet Tuesday night. The next meeting of the union will be at St. Bridget's. OCTOBER 10th will be the anniversary of the birth of Father Mathew. This union increases steadily, notwithstanding the political excitement. No. 2 of the "Temperance Truth Bureau" has been named for the island and will be out before October 10. Misses McHURRY, Leahy, McLaughlin and Kelly, veterans in the cause, are never missing from the monthly meetings. ALL societies should celebrate the 10th of October in a becoming manner. Who more fitting way than by distributing a number of tracts. Send your orders for temperance leaflets to the union secretary, so that the Pittsburg ones may be in the front rank of the supporters of the bureau.