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AN INVERTED BRAIN.

CHILD SEES, READS AND WRITES UPSIDE DOWN.

Seven-Year-Old California Girl, Who Lives in a World that Seems Bottom-side Up and Backward—Her Case a Puzzle.

There is a 7-year-old girl in Alviso, Cal., who lives in a world all her own. Nobody would want to share her world with her, because it is a topsy turvy one—so very topsy turvy that it makes the head dizzy just to think about it.

M. Stratton, A. M., professor of psychology at Berkeley University, made his famous looking-glass experiments. But neither of these reached the unique point of view which is Mary Terry's peculiarity.



It is apparently impossible for her, until she has been over the letters, to understand their meaning. Imagine the mental gymnastics required of that little head.

This sole inhabitant of topsy turvydom is the daughter of a Portuguese rancher near Alvarado. For two years she has attended the Alviso public school. She is a pretty child, shy and graceful, with rosy coloring and black hair.

backs for a trip up and down the takes, to see how it would stand the experience. When the model came back the copper skin over the steel plates was as shiny as when it had been put into the water.

"I think that the invention is one of the most remarkable that has come to my notice, and people are all the time trying to get me into something of that sort," said Mr. Rockefeller.

NEGROES TAKE TO COCAINE.

Evil Common Among the Roustabouts and In Spreading Fast. The troubles which steamboat men have been having with their negro roustabouts have been increased by the spread of the cocaine habit among the negroes.

The tablets are composed of cocaine and phenacetine in about equal proportions. Some chemical genius discovered that phenacetine prolongs the effects of cocaine, and, as it is a much cheaper drug, it is used as an adulterant for the cocaine.

KINGS AS PRISONERS.

RULERS WHO HAVE FALLEN INTO ENGLAND'S HANDS.

How Britain Treats Her Royal Captives, of Whom She Has Had Several Within a Very Few Years—General Crojale at St. Helena.

An insight may be gained as to treatment in store for leaders of the Boer republics who may suffer defeat and fall to escape into either German or Portuguese territory by comparison with the treatment of a British captive heretofore by the British government.

Approaching Calcutta on the left bank of the Hujli River at Garden Beach the visitor will have pointed out the fine palace of the late Wajid Ali, King of Oudh.

England, and English firms have a practical monopoly of the experience. The first Atlantic cable was made by Glass, Elliot & Co. The failure of this and the loss of the second resulted in the formation of a great company—the Telegraph Construction and Maintenance Company—backed by great capital, and this company made a success of the third cable and gave impetus to further work of the sort.

For this, a large investment, far into the millions, would be required, and if the cable, when laid, should fall in any way, its makers would suffer a real loss of all their work and have to replace the cable at their own cost.

Would Beg Him to Shoot. This young fellow is engaged to a pretty Detroit girl, but they don't care to publish the news until after Lent, says the Detroit Free Press.



FARM AND GARDEN

Fertilizing for Corn. Crops of corn have been reported exceeding 100 bushels of shelled corn per acre, if we remember correctly, but we do not believe that any man can grow corn profitably if he tries to grow one hundred bushels of ears to the acre, unless he is unusually favored by the season, and we doubt if he would succeed one year in ten.

Stone Drains. The accompanying cut shows an excellent way of making a drain where there is plenty of stone available. AA are two flat stones placed as shown, one upright and the other sloping; the rest of the drain, B, is filled in with small stones, and on top is laid some brush.

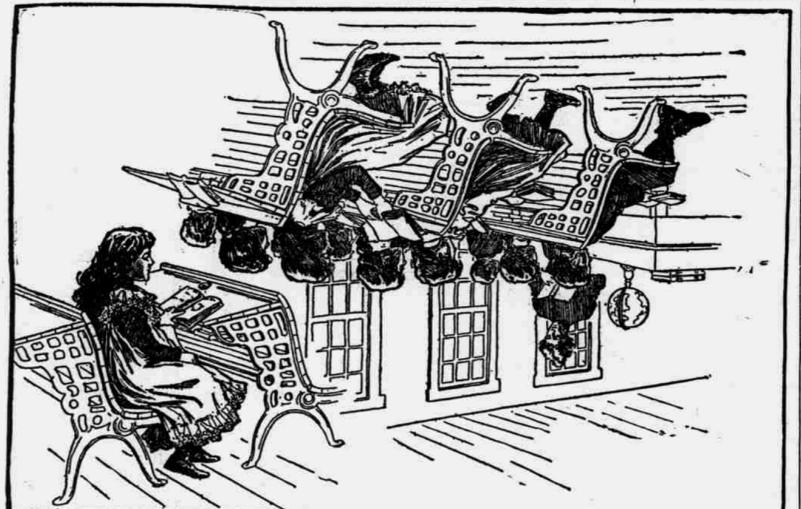
Kansas Farmers Salt Their Land. Two farmers living near Iola, Kan., have received a 40,000-pound car of salt from Hutchinson, which they will use on their farms, says the Abilene Chronicle.

Cost of Feeding Dairy Cows. An accurate statement of the results of the State Agricultural College herd in Minnesota shows that the average feed cost per cow last year was 5.4 cents per pound of butter and the average price realized by patrons from sales of butter was 17 cents per pound.

Inoculation Against Blackleg. Kansas and the Western States' cattle are susceptible to blackleg, which cannot be successfully cured, but immunity is practically secured by inoculation.



GOOD STONE DRAIN.



THE WAY THE SCHOOL ROOM APPEARS TO MARY TERRY.

versing everything that she wrote. If you will take a sheet of paper, write your name on it, turn it upside down, reverse the sheet and hold it up to the light you will see what Mary Terry sees when she has the pleasure of beholding your honorable signature.

defect in Mary's make-up is mental rather than physical. That as an image reflected on the retina is inverted, and that as it is a mental effect only which enables man to see things right side up, it must be a mental lack in Mary's case which hinders her from seeing as the rest of mankind sees.

JUST LIKE TEMPERED COPPER. New Combination of Metals Which Is Expected to Be Very Useful. By a new process of rolling a Massachusetts genius has succeeded in attaining results that, so far as sheet metal work is concerned, are almost equal to what he would be able to accomplish if he had rediscovered the secret of tempering copper.

tablets he seeks the most secluded part of the boat upon which he has shipped, and, hiding himself among the cargo, lies down and enjoys the vision of rest that the drugs cause. The effect is very like that of opium, only far less violent, more a restful, sleepy feeling.

Near Colombo, in Ceylon, England still holds in light durance Arabi Pasha and his colleagues of the Egyptian rebellion of 1882. While Arabi has not ceased to bemoan his fate and uselessly petition the British government for permission to return to Egypt, yet, considering the nature of his offense, and that he was sentenced to death, his lot cannot be considered burdensome.

Very Complimentary Advice. Through carelessness on the part of the committee of a well-known London club, and some dexterous wire-pulling by the individual concerned, an exceedingly unpopular man contrived to secure his election; but he soon made himself generally obnoxious to his fellow-members by continually posing and swaggering on the steps at the entrance.

One morning, not long after he had taken up his customary position, a prominent member of the club, whom we will call Major Dash, came up the steps, and in passing him said, with quiet sarcasm: "I say, K—, I could get subscriptions to the tune of five hundred pounds for you in the club if you would only take your name off the books."

Blissfully Ignorant of Deception. And to this frame a horizontal bar is attached, carrying at its extremity a rubber nipple of ample proportions. Connected with the nipple is a flexible tube extending into the liquid in the pail. Inside the nipple there is a rubber tubular reinforcement, having cross-slits in it, which acts as a valve.

Nursing Bottle for Calves. A nursing bottle may be used as a feeder for the calf by which its weaning will take place at a much earlier date than by the old method, and by this device the calf absorbs the thin blue substitute fed to it in a way so entirely natural that it remains in ignorance of the deception being practiced upon it.



BLISSFULLY IGNORANT OF DECEPTION.

Useful on the Farm. A good spray pump is a useful article in many ways about the farm. It can be used to spray the potatoes. It is used to apply kerosene emulsion to destroy the sucking insects, such as the aphides, or plant lice, a plums, cherries and young apple trees, and of which I propose to treat in a future chapter. And it can be used to white-wash the cellar, the poultry house, the stable and other buildings.



less but more gifted than the average child to have been capable of understanding the complex and difficult command laid upon her, though the testimony of experts is all on the other side. This is, however, reasoning by analogy, as the writer has so far found no identical case in optical annals, spelegraph or mirror-writing, which is found to be common among half-witted children, being the nearest approach to this perversion of vision.

On his desk in the standard oil office in this city Frank Rockefeller has a small sheet of the new material, no name for which has yet been selected. The sheets were the size of letter paper, and so thin as not to be much heavier. The steel itself was several times as thick as the copper, and yet on each surface of the steel there was a perfect skin of copper, so thin that a strong magnifying glass did not expose the edges.

Of minor potentates England has at present one African, being confined to the limits of that island in the South Atlantic made famous as the prison of the great Napoleon, and another even the far less desirable residence of Cape Coast Castle. For several years Cetewayo, king of the Zulus, was held an unassigned prisoner at Ghowe, near the scene of the present military operations in Natal, where he died before the promise of restoration to his throne was carried into effect.

MONOPOLY IN CABLE BUILDING.

England Alone Can Lay Telegraph Lines Across the Great Ocean. There are no American makers of ocean cable, so the insertion of a clause in the Pacific cable bill by the House Committee on Commerce, providing that the cable shall be of American make, and that the cable ships shall fly the American flag, is considered by President Scrantom of the Pacific Cable Company to be likely to affect the rapidity and thoroughness of the work.

Human Nature. Mr. Tigg—"I don't see how that Montreal girl could sleep sixty days." Mrs. Tigg (speaking from observation)—"Probably some one kept calling her to breakfast right along.—Baltimore American.

Practically all ocean cables, from the first transatlantic line in 1857 up to the present day, have been made in England, and English firms have a practical monopoly of the experience. The first Atlantic cable was made by Glass, Elliot & Co. The failure of this and the loss of the second resulted in the formation of a great company—the Telegraph Construction and Maintenance Company—backed by great capital, and this company made a success of the third cable and gave impetus to further work of the sort.

Plowing May Be Too Early. Many farmers are very impatient to start the plow in the spring. As soon as the snow disappears and they find a few dry spots in the highway the plow is brought out and started. The soil being cold and wet, the upturned furrow presents a smooth, glossy appearance, and if future freezing does not occur it will bake hard and firm, requiring several harrowings to put it into a proper condition for a seed bed.

From the Scientific American it is learned that a horse can draw on the worst kind of road about four times as much as he can carry on his back. On a good macadamized road he can pull ten times as much and on a paved road twenty-five times as much and on a street railway fifty-eight times as much as he can carry on his back.