

would be that they would be gradually scraped into hollows in places and their latter condition be rendered worse than their first. We are of the opinion that the scrapers should not be introduced until the streets become harder than they are now. Perhaps somebody can suggest a more feasible method for freeing our thoroughfares from the superabundance of mud with which they are now covered.

DEATH AT THE PENITENTIARY.

Editor Deseret News:

A man by the name of John E. Edwards, aged 27 years, has taken his departure from this mundane sphere after an illness of several months duration. He was attended during his sickness by Dr. Taggart, assisted by Dr. James, whose professional opinions were that the young man was suffering from a gastric ulcer. Everything that was possible to be done for him was sympathetically attended to. The warden and his wife—Mr. and Mrs. Dow—were untiring in their affectionate zeal for the comfort of the poor sufferer. The room that was fitted up for the accommodation of Belle Harris was made as comfortable as circumstances would admit, and from one to three attendants were provided to sit up with him and take care of him.

He died at 7.52 a.m. on the 25th day of February, 1884, being the first natural death that has ever taken place at this institution. He was a native of Pennsylvania, where his parents and friends now reside. Through the courtesy of Dr. Taggart his friends have been made acquainted with his serious illness, and no doubt will be notified of his demise. He had served one term of three years—minus the percentage allowed prisoners for good behavior—on a charge of burglary in one of the southern settlements. During his incarceration he had come to the conclusion that for the future he would let other people's property alone and get his living honestly. He searched about Salt Lake City in vain, for employment, and then wended his way—penniless and deplorably dressed—northward, stayed a while in Ogden with like results. There the temptation was placed before him by some newly made acquaintance and being extremely unwell and desirous of receiving medical attendance—which he knew could not be obtained easily without means—gave way a second time to the dictates of the adversary. When arrested he had in his possession a bottle of medicine, powders, etc. His stomach then would retain nothing but milk, with which he was then and has been ever since most liberally supplied. Everybody concerned—especially the medical gentlemen—has been indefatigable in endeavors to restore him to health. He was a well behaved and extraordinary ingenious young man. While here he made several first rate violins with scarcely any other tool than a small pocket knife. He was placed in the kitchen where he soon became quite an expert as chief cook in a remarkably short time; in fact, his shrewdness, put to an improper use, led him into incarceration where he has unfortunately ended his brief career. INMATE.

EDITORIAL NOTES.

"Captain Mary Miller" who has just been licensed to command a Mississippi steamboat by the local board of inspectors, is the first member of her sex so commissioned.

Industrial education is the education of the future. The idea is gaining ground that to train a hand to use the tool and pencil, the eye to know colors, lines and forms, and the mind to conceive and produce accurate results in practical directions, is better than heaping up a mass of machine-made knowledge that is practically useless.

There have been only two known cases of female lynching in this country. The first occurred in 1851 at Donnevill, a mining camp in the Bodie district of California, and the victim was a Spanish woman named Inez Paris, who had murdered and robbed a man in her husband's saloon. The second and last case is the lynching of Mrs. Cuddingham, in Ouray, Col., recently.

The Norristown Herald says: Victor Hugo, it is said, retires to his bedroom at 9 o'clock and walks up and down until midnight thinking about what he is to write next morning. If some of his readers were to retire to their bedroom at sunset and walk up and down the room until sunrise trying to understand what he has written about, they would not succeed.

An English medical journal reports that a retired showman has been making public some of the secrets of his trade, notably the secret of fat women. He says that in the case of these women a hollow needle is made to penetrate the adipose to the areolar tissue, air being then forced through until the woman is distended to her full limit. What is commonly taken for fat is therefore largely wind.

Some of the Eastern papers are deeply sympathetic over the Navajo Indians who are to yield their reservation in Northern New Mexico to the whites for settlement. The Denver Inter-Ocean remarks upon this subject: "If the Eastern papers really want to be practically benevolent to the red men, let them support Secretary Tel-

ler's plan to put the Indians on a par with the whites. Then the Indians could occupy their quarter sections and do what the pioneers do—work or starve."

The copyright bill now before Congress merely provides that an author shall be defended in the possession of his property, just as any other owner of property is in his. If that property is stolen all that this bill proposes is to serve the thief as a chicken-stealer or a horse-stealer is served. Certain publishers ask to be protected against this bill. Their petition or request is simply one to protect them in theft. In the case of any other property they would not dare to ask for such protection. Then let this bill stand upon its merits, chief among which are that it is a bill for the suppression of downright robbery.

Says the Evanston, Wyoming, Chief-tain: "Josiah Eardley, of this city, if not wealthy, is indeed an exceptionally lucky man. He enlisted in the U. S. Army in Salt Lake City, Utah, on August 30th, 1862, and not until one day this week did he receive his papers mustering him out of the service. His discharge papers are dated January 16th, 1884, thus entitling him to pay of \$13 per month for twenty-one years, and about six months, which amounts to the snug little sum of \$3,354. Mr. E., it is proper to add, saw only a few months of active service, since which time he has been pursuing the even tenor of his way, ignorant of the accumulation of this handsome nest egg."

There is a police surveillance in Berlin which is known to but few, but whose activity, though of a decidedly quiet order has a most direct effect upon a goodly portion of the population of the capital. Persons proposed for decoration, merchants and manufacturers petitioning for the title of court purveyors, etc., men who are about to found a society or in other ways desire to extend their relations with the public at large—all are subjected to a thorough examination as to their qualifications by the members of this bureau without so much as dreaming of the procedure concerning themselves. The bureau has the personal record of every inhabitant and with admirable discretion conducts the intricate and delicate investigations. The necessity and importance of such an office for the control of public safety can hardly be denied in a country like Germany.

The Cincinnati Times-Star says: "The distress in this city and vicinity occasioned by the great flood is widespread and deplorable. The number of people who must be fed, sheltered and provided with clothing can not be ascertained—and the estimates differ wonderfully—but it runs high up in the thousands. The work of relief was undertaken promptly at the first call for aid and has been pushed with commendable zeal by the various associations. But they have lacked funds. Contributions came in slowly last week, the amount of provisions and money received being incommensurate to the wants of the homeless poor. With desolation and misery at our doors, there will be a constant demand for the necessities of life. To meet this, the virtue of generosity must undergo the severest test."

Says the San Francisco Chronicle: "There is a proposal out for the creation of a new Territory out of parts of Eastern Washington and Northern Idaho. It is sure to ripen into reality if the Cœur d'Alene mines pan out as richly next summer and extend over as large an area as is now expected by the sanguine. There seems to be enough known already of these mines to attract toward them very much attention from all the Pacific States and Territories, as well as from Utah, Wyoming and Montana. Prospecting in a loose way has developed placers of gold and rich veins of quartz over an area as large as El Dorado and Amador counties, and we hear sufficient to indicate that the migration in that direction will be very large next spring and summer from this State and Oregon. Some persons put it as high as 60,000, which is as many as came to California in 1849."

Mr. Frank Gilbert, in his new "Worlds Historical and Actual," quotes the learned Prof. Goumier as follows: "In 1887 the 'Star of Bethlehem' will be once more seen in 'Cleopatra's Chair,' will be accompanied by a total eclipse of the sun and moon. The star only makes its appearance every 315 years. It will appear and illuminate the heavens, and exceed in brilliancy even Jupiter when in opposition to the sun, and therefore nearer to the sun and brightest. The marvelous brilliancy of the 'Star of Bethlehem' in 1887 will surpass any of its previous visitations. It will be seen even by noonday, shining with a quick, flashing light the entire year, after which it will gradually decrease in brightness and finally disappear, not to return to our heavens until 2202, or 315 years after 1887. The star first attracted the attention of astronomers in the year 1575. It was then called a new star. It was no new star, however, for this was the star which shone so brightly 4 B. C., and was the star that illuminated the heavens at the nativity of Christ."

A lynching case occurred at Tombstone, Arizona, on Friday last, the victim being John Heith, who 24 hours previous had been convicted of being accessory to the murder of four persons at Bisbee, Arizona. He was taken from the jail by a committee of vigil-

antes and hung from a telegraph pole. After the body was cut down an inquest was held, the jury returning the following peculiar verdict:—"We the jury of inquest duly impaneled and sworn by the Coroner of Cochise county to inquire whose body was submitted to our inspection, when, where, and by what means it came to death, after viewing the body and hearing such testimony as has been brought up, find that his name was Heith, his age 32 years, that he was a native of Texas, and that his death occurred in Tombstone, February 22, 1884, from the effects of emphysema, which might have been caused by strangulation, self-inflicted or otherwise, as in accordance with medical evidence." A placard was placed on the telegraph pole on which Heith was hanged with the following inscription: "John Heith was hanged to this pole by the citizens of Cochise county for participation in the Bisbee massacre, in which he was proved accessory, at 8.20 a. m., February 22, 1884, Washington's Birthday, to advance Arizona."

SCIENTIFIC AND USEFUL.

On farms where wheat is largely grown rye is a bad weed, and if allowed to seed will soon get into the manure and appear from year to year. In one case under our observation where a rye crop was grown, it was fully ten years before the land was entirely freed from the weed in the wheat. Since then this farmer occasionally sows rye for soiling or green manure in the Spring, but he never allows it to seed. Where only Spring grains or hoed crops are grown this objection does not apply.

There are many signs that southern farmers have learned the value of cotton seed-meal as feed, and that they will become formidable competitors with feeders at the north in its use. The meal can be afforded south much more cheaply than here. In fact, cotton seed has been so plentiful that it has been allowed to waste or only utilized as manure. If it can be more cheaply separated from the husks there is nothing to prevent an almost indefinite increase in its use as feed.

English farmers find that refuse rape-seed cake used as a fertilizer saves the crop to which it is applied from the ravages of the wire worm. They believe that the rape cake attracts the worms, whereupon they eat it and are poisoned. It is worth trying whether cotton-seed meal will not have the same effect. The use of superphosphate is believed by many farmers to be a specific for ground infested by worms. The sulphuric acid in the phosphate repels them, and the fertilizing properties of the manure push the young plants into such vigorous growth that they are soon beyond danger.

During the course of a paper by the Hon. Ralph Abercrombie, on the explanation of certain weather prognostics, read before the Royal Meteorological Society, London, the author explains about forty-four well known indications belonging to the following groups: (1) Diurnal; (2) sun, moon and stars; (3) sky; (4) rain, snow and hail, and (5) wells, springs and coal mines, by referring them to the insular conditions in which they were observed. By this means he is able to indicate the circumstances under which any prognostic fails, as well as those under which it succeeds.

A varnish has been invented in Germany for foundry patterns and machinery. It dries, leaving a smooth surface almost as soon as it is applied. It is thus prepared: Thirty pounds of shellac, 10 pounds of Manila copal and 10 pounds of Zanzibar copal are placed in a vessel which is heated externally by steam, and stirred during from four to six hours, after which 150 parts of the finest potato spirit are added, and the whole heated for four hours to 67 deg. This liquid is died by the addition of orange color, and can then be applied as a paint on wood. When used for painting and glazing machinery it consists of 35 pounds of shellac, 5 pounds of Manila copal and 150 pounds of spirit.

The King of Prussia recently visited a needle manufactory in his kingdom, in order to see what machinery, combined with the human hand, could produce. He was shown a number of superfine needles, thousands of which, together, did not weigh half an ounce, and marveled how such minute objects could be pierced with an eye. But he was to see that in this respect even something still finer and more perfect could be created. The borer asked for a hair from the monarch's head. It was readily given and with a smile. He placed it at once under the boring machine, made a hole in it with the greatest care, furnished it with a thread and then handed the singular needle to the astonished king.

Artificial babies were invented in 1874 for the use of ladies who, when travelling, wish to secure the sole use of a compartment of a railway carriage. "Common traveling infants, yielding intermittent cries of fear and capable of being put into the pocket, 10s; second class, crying not too loudly, but lamentably and insupportably, 20s; third class, full squallers, with a very piercing and aggravating voice of five octaves, £2; the same, arranged as a prompt repeater, £2 6s; fifth class, first quality, capable of continued squalling, £2. These babies can not only be set going in a moment (as, in-

deed, can most living ones), but they can also be stopped as quickly, which the natural ones cannot."

Most farmers have, and all should have, a small patch of horse radish for home use. Unless grown for sale it is better not to be very large. Horse radish more than one year old becomes stringy and worth very little, hence it should be dug out every year. The small rootlets that it is almost impossible to dig out with the spade will keep the bed supplied with plants. A good plan is to cover the plants in the fall after digging with four to six inches in depth of rich dirt. The soil cannot be too deep nor too rich for horse radish. When grown as it should be with long, fleshy roots of one year's growth, horse radish is a profitable crop. The demand is always good, and there is certainly no better relish to eat with fresh pork, which constitutes the staple meat at most farmers' tables at this season of the year.

After careful consideration of the facts and the arguments presented by the attorneys representing Perriman and Ispahche, the rival aspirants for the chieftainship of the Creek Nation, the Secretary of the Interior has reached the conclusion that Perriman should be recognized as the principal chief.

Secretary Chandler recommends the nomination of Medical Director F.M. Gunnell to be Surgeon General of the navy.



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