BUDDHIST PRAYER MILLS.

Ingenuity of the Poor Mongol in the Arrangement of Prayer-Making Machinery.

The Rev. James Gilman, in his book, "Among the Mongols," gives the following account of the prayer mills of the Buddhist Mongols:

Nine out of every ten Mongols you meet will have rosaries in their hands, and be rapidly repeating prayers. The efficacy depends not on the meaning, but on the repetition of the prayer. It is not, properly speaking, praying at all, but "repeating charms." But mouth-repetition is a slow process, and to expedite matters a praying-wheel has been invented, into which are put a large number of printed prayers, the wheel is turned round, and, by this simple act, all the prayers contained in the machine are supposed to be repeated. This is a wonderful acceleration. The wheel is fitted on to a handle, which a man can easily hold as he walks about; and thus it comes that men may be met while examining their cattle, or going from one place to another, whirling their prayer-wheels all the time.

In some tents there is a stand in which is placed a large wheel, bearing about the same relation to the hand-wheel as a family bible bears to a pocket bible. A thong is fixed to a crank, the inmates take their turn in pulling it. If a wrongly timed pull sends the cylinder turning backward, according to the Mongol idea it makes sin in place of merit. In one house I saw a wheel placed over the fire and driven by an upward current of hot air, after the manner of a roasting-jack. A common form of the praying wheel is a windmill set on a lofty pole high above the tent. When a strong northwest gale springs up the machine goes whirling round; and the poor Mongol, as he shudders at the tempest, in his tent below, is comforted, so far at least, by the thought that the blast is performing a lot of prayers for him. Sitting in a tent once, I heard behind me a curious clicking noise, and, looking round, found a praying-wheel going by machinery. The master of the house, being a mechanical genius, had bought an old clock in a Chinese town, taken out and rearranged the spring and wheels, and made them drive a cylinder filled with prayers. When he got up in the morning he simply took the key, wound up the clock-work, and then the thing made prayers for the whole establishment.

Corporal Punishment in Prison.

While conversing with a prison official a few days since, the question came up as to which was most subduing in its effects, solitary confinement and similar methods, or the use of the strap. He claimed that the latter was the most effective, and gave the following incident as illustrative of his theory: A short time since a burly convict, recently received under a five years' sentence, informed his keeper that he declined to further waste his energies in labor. He had concluded to knock off permanently and rest during the balance of his sentence. As he made not the least pretense of sickness or incapacity as an excuse for his conduct, he was ordered strapped. This appeared to strike him satisfactorily; he simply remarked that was all right; he was ready for the punishment, but it would not influence him in the stand he had taken an iota.

It took just six strokes of the strap to convince him that his position on the labor question was illogical and untenable. He begged to be released, and declared that he would take no further part in the management of the prison. The gentleman thought that this same treatment applied to the degraded species of tramps who fill our jails, would have an excellent effect. To furnish them with good food and lodging at the expense of the county for ten or fifteen days, he regarded as no punishment whatever.

A Wonderful Street.

Ex-Secretary of the Treasury Windom is now in London trying to raise money for building an arcade under the whole length of Broadway, New York. If he succeeds, that will be the most extraordinary thoroughfare known to the history of cities. The scheme is to make a new street under the present surface of Broadway, extending to the houses on each side, and lit by electric lights at night and glass reflectors in the daytime. The middle of the street would hold railway tracks, not only for city travel, but to accommodate in-coming trains from every part of the country.

The traveler in San Francisco or St. Paul would not only buy his ticket for New York, but the hotel on Broadway where he intended to stop. Freight and baggage would be conveyed directly to the warehouse or be received by the express car which was to convey it to any part of the country. Then traffic of all kinds could be carried on on both sides of the arcade. There would thus be a double tier of stores. Provision could be made for sewers, water mains, gas pipes and heating tubes. In short, it would become a double street and the value of the property quadrupled along the route. Engineers say the scheme is entirely practicable. There is business enough now on Broadway for two thoroughfares.

One company controls the omnibusses of Paris, and although "monopolies" are nowhere overmuch liked, the public, it is admitted, is fairly well served. Improvements are not infrequent; new lines are often mapped out. The Paris vehicles are, in respect to size, cleanliness and cheapness of fare, perhaps as good as any in the world. In London the average cabby has to contend with the "privileged classes" that control the railway stations. At the Great Eastern terminus, for example, there are stationed 100 cabs belonging to one proprietor, who pays $5,000 a year rent. The railroad companies defend the "privilege" practice, on the ground that it enables them to keep the drivers under control. But the drivers generally believe that they could make more money, and give the public better service, if all the stands of the metropolis were free from every company.

Fun-Loving Steedman.

Only a few of the papers have mentioned the fact that general Steedman was the leading spirit in the Sons of Malta business. But he was, and probably no man enjoyed the rollicking, rowdyish fun and mystery of that organization more than he did. He could tell more stories of jokes on prominent politicians than any other man in Ohio.

Woman's Pluck and Man's Cowardice in a Dentist's Chair.

"No," said the dentist, "I never tell women anything but the truth. If I tell a man an operation may be painful he is apt to find some excuse for delaying it, or even dodging it altogether. But a woman would deliberately walk to the chair if she thought her head were to be yanked off. Give me a woman for cool pluck every time."

"But children?"

"It is both wrong and foolish to deceive a child about such things. If he is told he is not to be hurt, and then is hurt, he will never take your word again, and will hate you, and resort to almost any means to keep away from a dental office afterward. I always tell a child the operation will hurt a little, but that I will be careful. I can usually play on a child's pride, and make him very brave. If he is handled properly he will train his pluck for the most painful operation, and usually when he is dismissed from the chair he is surprised that the pain has been no more severe. You know the extent of pain, or, indeed, of everything, is apt to be measured by comparison with one's expectation of what is to be done."

"You have to deceive men, do you?"

"Yes, generally. They are consummate cowards. Yesterday I made one of my friends pull his own tooth."

"How?"

"He wished me to look at his teeth and tell him what they required, and was very careful to instruct me to do nothing more than to look at them. I found one that could not be saved, and should be extracted at once. I knew if I told him he would not let me take it out, so I slipped some forceps in my pocket when he was not looking, and went on fumbling about his face, occasionally putting a finger into his eye, until he concluded it was safer to keep his peepers closed. By quick and precise work I laid hold on the tooth with the forceps before he knew what was up, but as soon as he felt the pain he grabbed my hand and pushed it away so frantically as to throw forceps, tooth, and all through the window in front of him."

Ruined River Banks.

Gov. Dorsheimer, who is a friend of Frederick L. Olmsted, the landscape gardener, remarked to me recently while going up the Hudson River railroad: "How shamefully railroads have been allowed to take the banks of rivers and streams for their own, the public having nothing to say in the matter. But in England they have a river commission which has, in the case of almost every river or sylvan stream, or frequented highway, forced the railroad off and made it respect the property of the people in the beauties of nature. See the Hudson river—destroyed! The malaria that has so much cheapened its villa properties, and affected the growth of large towns, arises from railroads embanking the mouths of the creeks, throwing a causeway with an insufficient culvert across them and creating an inner lagoon, sickly and unsightly.

In some places now a man cannot drive or ride without the peril of his life, as the great roads of the country, that have become green with aged trees, are generally crossed and recrossed as a needle is run through a corkscrew by the private corporation! Often the railroad builds for miles right alongside of the old road, as if trying to force travel to abandon it. We can never recover our rivers. The Thames, from its source to the sea, is the same sylvan thing it was. The Hudson, the Connecticut, the Delaware, the Lehigh, are confiscated, so far as joy goes, to a horse more fatal to picturesqueness than that one which entered Troy.

Toltec Ruins.

The name of the Mexican town on the Rio Miguel is derived from the ruins of sundry great houses which were built by the people who were evidently destroyed by the same irruption of savage aborigines roaming between the Twenty-second and Thirty-second parallels of latitude, that finally overthrew, in the eleventh century, the great Toltec empire. These ruins are not communal in character, like the Rio Grande and Moqui pueblo's, still existing. They appear to have public structures forming the centre of towns, in which the separate dwelling was a feature. In this they resembled the Toltec life and civilization. The Chihuahua Casas Grandes are, so far as known, the best preserved of all such remains in northern Mexico, and the Primeria Alta region now held by the United States. The principal structure is still about 800x250 feet in length and width, set true to the cardinal points, with walls of from five to eight feet in thickness, built of cojon, a species of concrete made of gravel and earth, run in a wall mold, with some sort of mortar or cement, compounded probably from some of the cactus so abundant in the arid region. Part of this structure still affords shelter to poor Mexicans.

Suggestions to Shooters.

An old sportsman submits these suggestions to beginners, knowing whereof he speaks: "Don't point your gun at yourself. Don't carry your gun so that its range includes all your hunting companions. Don't try to find out whether your gun is loaded or not by shutting one eye and looking down with the other. Don't use your gun for a walking stick. Don't climb over a fence and pull your gun through muzzle foremost. Don't throw the gun into a boat so that the trigger will catch in the seat and the charge be deposited in your stomach. Don't use your gun for a sledge hammer. Don't carry your gun full cocked. Don't carry your gun with the hammer down. Don't be a fool. Don't forget it."

Settling South America.

European immigration to the Argentine Republic is increasing. Last year the arrivals numbered over 51,000. There is an opportunity in South America for an immense number of colonization schemes. Millions of Europeans could find homes there. Hardships would need to be encountered, but they would be no more severe than fell to the lot of the first settlers of Illinois and contiguous states. Many portions of South America are healthy, and rich in natural resources.

Anti-American.

[Inter Ocean.]

Bismarck has not only ostracised the revered American hog, but he has given orders to suppress as "pernicious literature" all pamphlets calculated to attract immigration to this country.

BUREAU OF PRINTING.

Description of the Process of Printing Government Currency.

The printing division is closely connected with the engraving division, and is a room about 200 feet in length. At a distance of about five feet from the walls on all sides of the room is a high and strong wire cage, behind which the printers and their assistants are busily at work. Similar cages are in use in all the various branches of the bureau, separating the employes from the public. The general aspect of the place is prison-like, and, I must say, repelling. There are 235 hand presses in this division, each press being provided with an automatic contrivance that registers every impression made by the press. At the end of each day a clerk examines the registers and enters the number indicated in a book. The number thus found must correspond with the number of sheets reported by the printer as printed. The space allotted to each press and its living operators is extremely narrow and confined, so that the workers of the different presses find it difficult to avoid elbowing each other. At each press stand a man and a woman. The man's arms are bare to the shoulders, his face and hands grimy and besmeared with the thick, pasty black or green ink used in the printing. In front of him is his female attendant. She moistens the paper and places it on the press, and the printer applies the pressure and the impression is made. The attendant removes the sheet, examines it carefully to see that the impression is perfect, and then lays it aside. The printer removes the plate from the press, wipes it carefully with a wet cloth, plunges his hand into a mass of the inky paste, rubs it carefully over the plate with his naked hand, then smooths it with a handful of whitening.

This is the minutiæ of printing money, which is very delicate. The printer replaces the plate in the press, the attendant lays another sheet under it, the pressure is again applied and another sheet is printed and removed. This goes on from 8 o'clock in the morning until 4 o'clock in the afternoon, with a half hour at noon for lunch. As before stated, the notes are printed on one side only at a time. A package is then made of them, and they are then sent to the office of the printing division, accompanied by a slip of paper containing a memorandum of the number returned. In this office are a number of female accountants, who enter the numbers on the slips into large books, which serve as permanent records. The packages are then placed into a chest mounted on wheels. The chest is locked and rolled into the examining division, where it is opened by the chief of the division and the contents distributed to expert and rapid counters, who count the number in each package and compare the result with the memorandum on the slip. The number of employes in this division is eighty-five—all females. They earn on an average of $2 a day. If the work returned checks O. K. it is, if printed on one side only, returned to the wetting division. If printed on both sides it goes to the drying-room, where it is placed in a machine and dried by a hot air process. It is unnecessary to describe in detail the manner of printing the face of the notes. The face printers make requisition upon the wetting division for paper upon which the backs are already printed. They go through the same routine of receipt and delivery.

We have the note now printed on both sides and in the drying machine, where it remains over night. The next day it is placed for a few hours under a hydraulic press, whence it is removed and sent to the sealing and numbering division. In this division the red seal and the red numbers are impressed upon the notes. The work is done on small presses, propelled by steam and operated by women. There are seventy-five ladies in this division. The sheets are then run through the separating machines and cut into four parts, each part forming a treasury or bank note. From the numbering divisions the notes are sent to the counting division and delivered to expert counters, all females, and they count the notes and put them into parcels of thirty packages, each package containing 100 notes. The packages are conveyed to the money vault, where they remain over night, and the next day are delivered to the treasurer's division of the treasury department.

Bro. Gardner on the Laborin' Man.

"An' what has popped up in de last score o' y'ars to make de laborin' man discontented? I tell ye, my frens, it am de sperit o' false pride dat am playin' de ole boy wid de man who has to work fur his money. He wants to appear better off dan he railly is. He wants a house better dan he kin afford. He wants to furnish it better dan he kin afford. His daughter mus' have an organ or pianner, his son w'ar fine cloze, an' his wife walk out in garments nebber intended fur her. It takes mo' dan goin' wages to keep up dis false show.

"I doan believe dar am one workin' man in fifty who am satisfied to lib widin his income. If the man was satisfied his wife wouldn't be. It has has got so dat de daughter of a laborin' man am ashamed of the fack. It has got so dat gals consider it a disgrace to do housework. It has got so dat sons of laborin' men want to spend money fast, an' sunthin' has got to drap. When de daughter of a whitewasher an' de wife of a wood-sawyer mus' have fur-lined cloaks de condishun of de laborin' classes am sunthin' dat no one man kin tackle. Let us purceed to purceedin's."

Married for Keeps.

The skipper of a coal boat on the Baltimore & Ohio canal recently decided after mature deliberation and careful consideration, to marry his cook who had been a tried and faithful servant to him for quite a number of his perilous trips on the storm-lashed canal. So he spoke to her about the matter one day, and after securing her coy consent, he ordered the boat tied up at a small town, and, being a practical skipper, skipped up street after a parson. The nuptial knot was soon tied, the parson beaten down to a dollar and a half for his fee, and then the canal boatman said:

"Well, Melindy, we are married fur keeps, now. We are hitched fur life, and must pull together. I'm a little short-handed to-day, and as that lead mule has got saddle galls on his back, you jist take the tow path, and lead him down to Harper's Ferry, an' I'll steer, an' kinder ruminate on some plan to give you work on the boat without going ashore in the mud. I've got a powerful sight more respect for you now, that you're my wife."

HOW A LAWYER TREATED THE CASE.

New Haven (Conn.) Union.

I, David Strouse, of New Haven, Conn., was attacked by a severe rheumatism in the right arm, hand and foot so that I walked with difficulty and could hardly use my hand to eat with. I used one bottle of St. Jacobs Oil, rubbing well three times a day, and obtained instant relief and a perfect cure.

DAVID STROUSE, Attorney at Law.

The Pennsylvania Legislature has adjourned sine die.

Bronchitis is cured by frequent small doses of Piso's Cure for Consumption.

The Salem, Oregon, penitentiary holds 323 convicts.

GREATEST DISCOVERY SINCE 1492.

For coughs, colds, sore throat, bronchitis, laryngitis, and consumption in its early stages, nothing equals Dr. Pierce's "Golden Medical Discovery." It is also a great blood purifier and strength restorer or tonic, and for liver complaints and costive conditions of the bowels, it has no equal. Sold by druggists.

Governor Moody, of Oregon, was made a grandfather recently.

Wonder treads on the heels of wonder. Samaritan Nervine is guaranteed to cure nervous disorders.

Dujardin's Life Essence positively cures hysteria, and all nervous affections.

"I have been afflicted with an affection of the throat from childhood, caused by diptheria, and have used various remedies, but have never found anything equal to Brown's Bronchial Troches."—Rev. G. M. F. Hampton, Piketon, Ky. Sold only in boxes.

When you have a cough or cold, ask for Ammen's Cough Syrup. It will surely cure you.

WATSONVILLE, Cal., Feb. 7, 1882.—I recommend your Cough Syrup (Ammen's Cough Syrup) in preference to all others, as I know its merits.

G. A. MOOREHEAD, Druggist.

Dujardin's Life Essence conquers nervous debillity, loss of memory.

Dr. J. L. Myers, Fairfield, Ia., says: "Brown's Iron Bitters is the best iron preparation I have ever known in my thirty years of practice."

"MOTHER SWAN'S WORM SYRUP," for feverishness, restlessness, worms, constipation tasteless. 25 cents.

Dujardin's Life Essence gives brain force and vital energy.

Frank James, the outlaw, is reported to be dying of consumption. It is also stated he is penniless.

WHAT'S SAVED IS GAINED.

Workingmen will economize by employing Dr. Pierce's Medicines. His "Pleasant Purgative Pellets" and "Golden Medical Discovery" cleanse the blood and system, thus preventing fevers and other serious diseases, and curing all scrofuluos and other humors. Sold by druggists.

Hoffman, the Bloomington ex-preacher, began his independent church on December 9th.

"Samaritan Nervine cured my daughter of fits," said John Murphy, of Albany, O.

Dujardin's Life Essence makes the old feel young again.

Dr. J. B. Morgan, Joplin, Mo., says: "I find that Brown's Iron Bitters gives entire satisfaction to all who use it."

"SKINNY MEN. "Wells' Health Renewer" restores health and vigor, cures Dyspepsia, Impotence.

Dujardin's Life Essence is THE GREAT FRENCH NERVE TONIC.

SAN FRANCISCO, May 1, 1882.—Dear Sir: For the past two months I have been suffering from a severe cough and cold. A friend advised me to use Ammen's Cough Syrup. I did so, and was greatly benefited. I have now taken two large bottles and am entirely cured. Grateful to you for placing so valuable a remedy on the market, I am yours truly, M. J. MURPHY, With Langley & Michaels, Wholesale Druggists.

* * * I have given the Life Essence in cases representing many phases of disease, but not quite long enough to fully determine all its action. So far as tried, I have found it a heart tonic, sedative, and a tonic to the nervous system in cases of exhaustion from overwork or nervous strain. It is more prompt than other remedies, and its effects are better sustained. It improves the force of the circulation to that extent that I have found it a remedy for coldness of the extremities. Patients have remarked the refreshing sleep obtained after its use by them. I will try it further in a wider range of cases. Very truly, JAMES BERGHEN, M. D.

Lawrence Barrett scored a signal success December 7th at the Princess Theater, London.

Young, middle-aged or old men, suffering from nervous debility or kindred affections, should address with two stamps, for large treatise, World's Dispensary Medical Association, Buffalo, N. Y.

Seven Yale students are down with typhoid fever, and two deaths from it have occurred.

Dujardin's Life Essence is the remedy for the overworked brain.

HARKNESS FIRE EXTINGUISHER.

First premium Mechanics' Institute 1883, D. S. Brown & Co., general agents for the Pacific Coast, 36 California street, San Francisco. The following letter explains itself:

J. N. Andrews, dealer in General Merchandise, Postmaster and Agent for Wells, Fargo & Co.'s Express.

ELK GROVE, Sacramento Co., Cal., December 8, 1883.

MESSRS. D. S. BROWN & CO.:

GENTLEMEN—Please send me another six-gallon Harkness Fire Extinguisher as soon as you can. I had occasion to use the one I bought of you a short time ago.

Last night the hotel adjoining my store caught fire in the hallway to the second story, from the explosion of a lamp, and the building being cloth and paper was immediately on fire in several rooms, but in less than two minutes after getting the extinguisher to work the fire was out.

As soon as this one arrives I will send the other one down and have it replenished. Also please inform me if I cannot draw off the fluid remaining in the tank and save it for future use, or shall I send it as it is.

Yours, etc., (Signed) J. N. ANDREWS.

"ROUGH ON COUGHS." 15c., 25c., 50c., at Druggists. Complete cure Coughs, Hoarseness, Sore Throat.

Strength for the weary—Dujardin's Life Essence.

The secret of the universal success of Brown's Iron Bitters is owing to the fact that it is the very best iron preparation made. By a thorough and rapid assimilation with the blood, it reaches every part of the body, giving health, strength and endurance to every portion. Thus beginning at the foundation, it builds up and restores lost health. It does not contain whisky or alcohol. It will not blacken the teeth. It does not constipate or cause headache. It will cure dyspepsia, indigestion, heartburn, sleeplessness, dizziness, nervous debility, weakness, etc.

Dujardin's Life Essence cures neuralgia and nervous headache.

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THE GREAT GERMAN REMEDY FOR PAIN.

Relieves and cures RHEUMATISM, Neuralgia, Sciatica, Lumbago, BACKACHE, HEADACHE, TOOTHACHE, SORE THROAT, QUINSY, SWELLINGS, SPRAINS, Soreness, Cuts, Bruises, FROSTBITES, BURNS, SCALDS, And all other bodily aches and pains.

FIFTY CENTS A BOTTLE.

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The value of Baking Powder is determined by the amount of gas it contains and the freedom of the article from any injurious ingredients. The GIANT BAKING POWDER is absolutely pure, and contains about one-quarter more gas than any brand of Baking Powder in use on this Coast. Three cans of GIANT BAKING POWDER are equal to four cans of any other brand. Study economy and use none other. Your grocer will furnish you with a sample can free. Try it.

FACTS.

SAN FRANCISCO, JULY 13, 1883.

BOTHIN MANUFACTURING CO.,

GENTLEMEN: The sample of GIANT BAKING POWDER you handed me, also samples of the following brands of Baking Powders purchased by me in open market, I have tested for total quantity of available gas, with results as follows:

GIANT 196 cubic inches per ounce avoirdupois.
ROYAL, 139 cubic inches.
NEW ENGLAND, 110 cubic inches.
PIONEER, 107 cubic inches.
GOLDEN GATE, 107 cubic inches.
DR. PRICE'S, 90 cubic inches.

Yours, respectfully, THOMAS PRICE, Chemist.

SAN FRANCISCO Sept. 24, 1883.

H. E. BOTHIN, President Bothin Manufacturing Co.

DEAR SIR: After a careful and complete chemical analysis of a can of GIANT BAKING POWDER, purchased by us in open market, we find that it does NOT contain alum, acid phosphate, terra alba, or any injurious substances, but is a pure, healthful Cream Tartar Baking Powder, and as such can recommend it to consumers. Yours, respectfully, WM. T. WENZELL & CO., Analytic Chemist.

We concur:
R. BEVERLY COLE, M. D.
J. L. MEARES, M. D., Health officer.
ALFRED W. PERRY, M. D. } Members of the
W. A. DOUGLASS, M. D. } San Francisco
AUG. ALERS, M. D. } Board of Health.

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SAMARITAN NEVER FAILS. NERVINE IS UNFAILING AND INFALLIBLE IN CURING *Epileptic Fits, Spasms,* Falling Sickness, Convulsions, St. Vitus Dance, Alcoholism, Opium Eating, Scrofula, and all Nervous and Blood Diseases.

☞To Clergymen, Lawyers, Literary Men, Merchants, Bankers, Ladies and all whose sedentary employment causes Nervous Prostration, Irregularities of the blood, stomach, bowels or Kidneys, or who require a nerve tonic, appetizer or stimulant, *Samaritan Nervine* is invaluable.

☞Thousands proclaim it the most wonderful Invigorant that ever sustained a sinking system. ☞$1.50 per bottle. The DR. S. A. RICHMOND MEDICAL CO., Sole Proprietors, St. Joseph, Mo.

THE GREAT NERVE CONQUEROR.

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The Crimes of the Latter Day Saints

—BY A—

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Full Expose of Mormonism.

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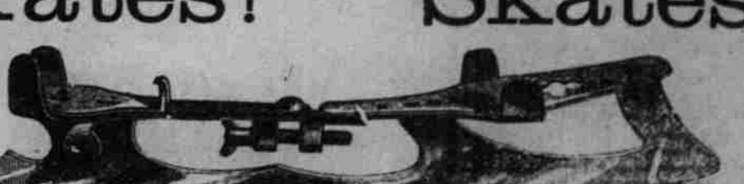

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THE MORGAN PORTABLE STEAM DRAG SAW,

The Greatest Invention for Woodmen of the Age!

Can be Moved Anywhere in the Timber by One Man!

Cuts from 15 to 18 Cords of Wood Per Day with the Help of Only One Sawyer!

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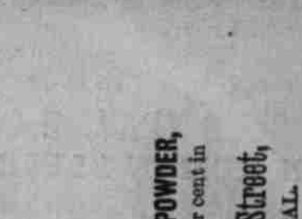

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