chinery can be put in operation within an hour after sunrise. The size of the solar motors now in use averages from five to ten horse power, and experiments have shown that it is unwise to attempt to build larger ones. By constructing them in groups, however, the same results are obtained, and in several plants a series of two or three are being constructed to produce in the aggregate from twenty to forty horse power. The solar motor used is the outcome of experiments. In Europe many efforts were made to utilize the sun's heat to melt different kinds of metal, and such success attended these efforts a quarter of a century ago that in France iron could be melted within

sixteen seconds by mirrors only four feet in diameter. In England, some twere y year reflector, three feet built that fused gran and melted a small c seconds. The enorm such heat rays, when a small surface, were tical scientists, he working plants wit Herschel made the tempt in Africa, were considered str the best results. The periment were satis liam Herschel pub his work in Englan sun could be made constructed. In scientist's predicti-to take adventage seemed to promise those who succeeded sun for indust dal purp In this country Capt first to make a s lar m

prove an entire successive the next five year plan of a machin inal in 1884. A Longwood, Cal. agement to the The first which duced nearly siderable ea

led to further until one of the constructe yet, bu up. It is it has at which ens work wit able that to partic tividual farms ently suited, either or pumping poses or for generating electricity for lighting and power. For mines and general pumping stations it is equally well adapted.

The huge disagrees with server the heat reflect.

e good reason-

i hardiy

Use CNLY the SOFT, SILKY, TOUGH

TOILET PAPERS

MANUFACTURED BY

In Rolls—" tandard," "Hotel," "York," "Mammoth," &s. In Sheets—" Imperia ," "Royal," "Regal," "Orient," &c.

edible

business

like a huge inv thirteen feet at of this buge d arranged at suc boiler. The ar vidual pieces much of the su a small mirror, throughout the

STRANGE A

Over Forty The Solely by Without coun professional beg than 40,000 people the least idea their breakfast

morning. They a army, the like o found in any o'.
They are in fact the who live solu They are in fact ple who live soli Where else in look for a man Paris? And yet seem, there is or. 000 who makes he the Seine daily. Friendly bridge a months, and in the

or cares, for that a shelter. He is up dawn and out in a with this he skin the river the grease night. This he takes where he receives a stock. On that sun mast, dinner and supper. that, or the next day, he

There are others wh the Seine for corks. Early ing they get out on the river banks 1. Sarmed with a short pole on the end f which is a small improvised net, they gather up the floating corks. When the Bocker—I proposed it as a mascot.

river has been fished clean of the stoppers the anglers take their harvest to the cork merchants in the neighborhood and sell them for whatever they will

Another singular member of this army is the rat tamer. He is a proud man, for he has cards proclaiming his busi-

"Valin, rodent specialist." Its business. They read:
"Valin, rodent specialist." The business of this "specialist" is to breed and raise rats for fairs, circuses and the medical colleges. If you want a family of rats to do tricks, all you have to do is to call on Valin, tell him what him of the triple of the read of kind of stunts you prefer to have the rats to do, and a few weeks after he will have what you desire. If the medical college stands in need of a consignment

college stands in need of a consignment of rats for vivisection Valin always can be relied on to furnish them. Valin's house is a modern Noah's Ark. In it is a collection of nearly every kind of small animal. The house is filled with cages. Every nook and cranny contains some sort of animal family, and Valin is there always training his little pupils. The home of Valin would be a creepy

place for a man with nerves to sleep in, for he keeps lizards, adders and frogs by the score fer sale. This year he has sold 2,000 adders, 8,000 salamanders and 30,-000 frogs.

000 frogs.

"Father Cockroach" is the one member of the army who has risen to the dignity of a place in the Paris directory. He undertakes for a price to rid your house of the little pests, and is one of the busiest men in the city. He has regular patrons, who pay him by the month or year to keep their house free from the

a husiness of the "Public Writer" one person left to represent i few blocks. This person lliterate. For ietters f cents, while the pay oposa it's cheap

of this strang s sculptor, who, fail o make ... i art as an art.
I his talend in a nother channel
would insure him against starvaAt all the Hym Fairs he is the who moulds the merch ats lard fantastic forms.

AKING THE FARMER DO PN. nptious Rustic Had to Turn Over His

Money to the Wag. couple of individuals were recently

azing with admiration at a fine fat beast at a cattle show.
"I wonder what his weight might be? observed one of them, who, as it happened, was a cockney without any species

"It's easy enough to gues spretty nig mer, looking with some cor ti

mion, wel!," said the cockney could guess as r ar as yo
"Could ye, now bared t
Tell, I'll bet yo
Done!" returned the coor ch do you say? "After a critical surry,

A hundred and seventeen s cas."

"What d'ye mean?"

"Well," said the cockney, I'll shundred and seventeen stone, hand over the money."

"What d'ye mean?"

"Well, I said I'd guess as near and I're done so. I've guessed exact, the same."

And the bystanders taking his par-the bumptuous farmer had to give him the money.

A LEVAR DIVI

Maine, said Re ot J. 'ge, New York, 'a str pg minister can

New York, 'a string minister can to preach. He preached duly, and, after the sermon was over, he reingled with congregation, expecting that so me would invit in to dinner.

"One by however, the congregation depart is, offering the hungry minister no hos tality, and he began to feel actions. Where was he to est?"

ter no hos tality, and he began to feel mixious. Where was he to eat?
"As the last deacon was leaving the mirch, the minister rushed up to him ad shook him warraly by the hand." I want you to come home and dine ith me,' the minister said.
"Why, where do you live?' said the secon."

'About thirty miles from here.'

he deacon reddened. Oh, you and dine with me instead, he id."

CO. LTD.



OUT OF SCORES

But Dodd's Kidney Pills made him a New Man.

Richard Quirk, doctored for a doze

years and thought his Case Incur-able—Dodd's Kidney Pills Cured him. Fortune Harbor, Nfld., June 13. -

up my mind that my complaint was incurable. Reading of cures by Dodd's Kidney Pills tempted me to try them. Ridney Pills tempted me to try them.

I did so with little faith, but to my surprise I had not taken more than half a dozen boxes before I felt relief and after the use of seven or eight boxes, I was fully cured and a new

"Yes, Dodd's Kidney Pills cured my Lumbage and Kidney Disease, and the best of it is I have stayed cured.'

Self-Sacrifice of a Society Woman. A "society note" much out of the usual order was that which appeared recently smouncing the action of Miss Zoe Blair, one of the most popular social leaders of St. Louis, in voluntarily giving up a life of pleasure to work among the sick proro. This determination on the part if Miss Blair followed her participation in a charity entertainment, during which she discovered how wide a field there was for just such self-sagrificing labors. was for just such self-sacrificing labors as she is now engaged in . She took a course of instruction at a nurses' training school in New Or! ns, and is now quite or pable of caring illness. She say than she was who living amid a round of balls, parties and receptions—can doubt it?—Leslie's Weekly. Minard's Liniment Lumberman's Friend

NOTHING _O DO BUT EAT.

the Ohio town of Alva," Edison. "It is from my middle name. Alva friend of mine was vas born nat I Ar old-tim mer whom I'll call Josh was about twenty-four his f visit to New York. He t a good hotel, and after ed his Gladstone bag, he esk to inquire about the

eatin' hours in this y i to the clerk. the clerk answered, '7 ll to 3. Dinner, 3 to 8. m' said Josh. 'When am t time to see the town?'"

Ainard's and take no Other.

MOST DEADLY POISON.

ee Grains Would Kill Many Per-

A new and most deadly poison has been discovered recently, as noted in a scientific journal, by Mr. Lascelles Scott, an Englishman. The substance s scient fally known as di-methylar-ine hide or more familiarly as the of cacodyl. Three grains of this to of cacodyl. Three grains of this would kill all present. It is a white rower, melting at 33 degrees, and oiling at 140 degrees. When exposed the air it emits a slight vapor, to interest which is death. After trying its feat target animals Mr. Scott experi-

the which is death. After trying seet them animals Mr. Scott explaned to deadly nature of this pois making the part of cyanide add in the atmosphere of an interest of the second seed to the second second seed to the second second seed to the second seed to the second s coodyl in the atmosphere of an air-ight cage killed a dog almost instan-taneously, and then its power was by no means exhausted, for a second, third and four h dog placed in the same cage ast, the enveloped of the same cage hat ingle i finitesimal dose. Although are known, it was first made man years go. adet the famous French mbining acetate of potas-vit, mite arsenic, produced a which, although he did no was oxide of cacodyl. The an mist, Bunsen, combined this coren, a radical of prussic acid, and cyanide of accodyl. 'cno" and and evanide of cacody

Jarmouth Y. M. C. A. Boys' Camp, held at Tusket Falls in August, I found MINARD'S LINIMENT most beneficial for sun burn, an immedia - relief for colic and toothache. ifred Stokes, General Secre

CHURCH MEMBERS SCORED.

That the churches have lost immensely in membership and influence by the neglect of their social mission is a fact upon which all the best and most competent observers and students of modern religious conditions agree. In some remarks to a Sunday school class the other day, Mr. John D. Rockefeller dwelt upon this deplorable lack of sociability in the churches, stating that his wife had gone to a church for eighteen years without ever having had a word spoken to her. That experience, we believe, could be duplicated in many instances, especially in the larger city congregations. ially in the larger city congregations. It is quite true that the church is not designated primarily as a social club; neither, on the other hand, is it designed to be a social refrigerator. A religion that has not enough heart in it, enoughwarmth of feeling, enough kindliness and sympathy, to thaw out the social ice among the fellow-members of the same shareh and bring them together in some degree of mutual interest is not the degree of mutual interest, is not the kind of religion that will ever redeem the world.—Leslie's Weeklv.

OVERDONE EXPRESSIONS

Winning Paper in a Contest for Contributions on Hackneyed Terms, London Tit-Bits recently offered a prize for the best contribution on hackneyed terms used in writing and speaking, and here is the winning paper; it purpots to be a law against the use of worn out expressions:

purpose to be a law against the use or worn out expressions:

Be it enacted by the King's most excellent Majesty, by and with the advice and consent of the Long Suffering and Sorely Afflicted Reading Public, and by the Authority of the same, as follows:

First—Any journalist literature. Fortune Harbor, Nfld., June 13.—
(Special.)—Scores of people in this neighborhood are living proofs that Dodd's Kidney Pills are all Kidney allments from Backache to Bright's Disease. Amond the most remarkable cures is that of Mr. Richard Quirk, and he gives the story of it to the public, as follows;

"I suffered for over twenty years from Lumbago and Kidney Disease, and at intervals was totally unable to work. After ten or twelve years of doctors' treatment I had made up my mind that my complaint was incurable. Reading of cures by Dodd's Kidney Pills tempted me to try them. as a "state of single blessedness," or speak of a newly married couple as "the happy pair," or of a wife as "the better half," or shall deny by implication an indisputable scientific fact by asserting the possibility of a person's being "conspicuous by his absence"; or shall write with profane pen the expressions "a sight for the gods" or "a sight to make angels weep," or, in reference to physical attributes or peculiarities, shall use any of the following expressions: "The bated breath," "the human form divine," "eagle glance." "magnetic gaze," "dilated nostrils," "willowy form," "arch smile," "daintily gloved hand," "flowing lock," "golden tresses," "delicately tinted lips," "the inner man," or shall speak of the "popu inner man," or shall speak of the "popular president." "the courteous general manager," "the genial secretary," "the charming hostess," "a few well chosen words," "the succulent bivalve," "the psychological moment," "so near, yet so far," "last but not least," "a dull sickening thud," "his own inimitable style," "old Sol," "the gentle light of the meon," ening thud," "his own inimitable style," "old Sol," "the gentle light of the moon," a cool million," or shall use any similar hackneyed expressions, such persons shall be guilty of a misdemeanor, and, being thereof convicted by public opinion, shall be compelled to pay away half his salary to the Home for Old Jokes,

> Wash greasy dishes, pots or pans with Lever's Dry Soap a powder. It will remove the grease with the greatest ease. 36

and the delinquent shall offer an ample apology to the public, and agree never again to infringe the provisions of this

UP-TO-DATE APHORISMS. Originate, originate more, always ori

oneers of thought, who lead humanit pioneers of thought, who lead humanity to the promised land.

Love is friendship with one desire present, and all the others absent; friendship is love with one desire ab-sent, and all the others present.

A cottage is enough for the honey-mon, but the full moon requires a pal-

Friendship is a name which we often

give to familiarity.

A man and his honeymoon soon part.

Gold is the radium which warms every "Love me, love my dog," is a proverb. Who says, however, "Love me, love my friend?"—London Truth.

Most people think too lightly of a cough. It is a serious matter and needs prompt attention.
Take

Shiloh's Consumption Cure The Lung

when the first sign of a cough or cold appears. It will cure you easily and quickly then—later it will be harder to cure. Prices, 25c., 80c., and \$1.00. 311

SOME ECCENTRIC WILL MAKERS. Testator Who Wanted His Skin Con

verted Into Drumheads. There have ben many will makers more occentric than Mr. MacCaig, the Oban Lanker, whose last testament will shortly come under the consideration of the Fainburgh Court of Session. Mr. MacCaig, it may be remembered, left instructions of the constitution of the consti Caig, it may be remembered, left instruc-tions in his will that gigantic statues of himself, his brothers and sisters, a round dozen in all, should be placed on the summit of a great tower he had com-prened to build on Battery Hill, near Cban—each statue to cost not less than £1.000.

£1,000. A much more whimsical testator was a Mr. Sanborn, who left £1,000 to Prof. Agassiz to have his skin converted into drumheads, and two of his bones into drumsticks, and the balance of his fortune to his friend, Mr. Simpson, on condition that on every 17th of June he should repair to the foot of Bunker Hill, and, as the sun rose, "beat on the drum the spirit-stirring strain of Yonkee Doodle."

Doodle."

A Mr. Stow left a sum of moeny to an eminent K. C., wherewith to purchase a picture of a viper stinging his benefactor," as a perpetual warning against the sin of ingratitude.

It was a rich brewer who bequeathed £30,000 to his daughter on condition that on the birth of her first child she should forfait. 2,000 to a specified heavily.

forfeit £2,000 to a specified hospital, £4,000 on the birth of the second child, and so on by arithmetical progression un-Il the £30,00 was exhausted

Mr. Sydney Dickenson left £60,000 to his widow, who apepars to have given him a bad time during his life, on condition that she should spend two hours a day at his graveside "in company with her sister, whom I know she loathes worse than she does myself."

Keep Minard's Liniment in the House

"SO LONG." With respect to the origin of the faminar parting salute, "So long." there is a suggestion, says the London Globe, that it is derived from the Norwegian "Saa Las derived from the Norwegian
"Saa Laenge," a common form of farewell, equivalent in meaning to "au reveir," and pronounced like "so long,"
with the "g" softened. There was a fair
number of Norwegians among the settlers in America, to judge by names,
and it is quite likely the physics, was

The satisfaction of having the washing done early in the day, and well done, belongs to every user of Sunlight Soap.

VAIN IN SIGHT OF DEATH.

Women Suicides Are Invariably Careful of Appearance of Their Bodies.

of Appearance of Their Bodies.

"The average woman is apt to carry her vanity to the grave," said an undertaker yesterday. "I have frequently noticed this in suicide cases, of which I have had more than my share. When a man grows tired of life and makes up his mind to end his troubles he does it without thinking of what sort of corpse he will make. His only idea is to make sure of the job. But do you suppose a woman feels that way about it? Not on your life. She never loses the feminine instinct to prink up and make a good appearance. Nine times out of ten she will put on the best clothes she has, even though she may be going to throw herself into the river, where her body may remain for months. How often do you read in the newspapers descriptions beginning: "The body of a well-dressed woman," etc. 1 Voncellers." descriptions beginning: "The body of a well-dressed woman, etc.? You seldom hear of a woman disfiguring her fea-tures, either. If she is going to shoot tures, either. If she is going to shoot herself she invariably aims at her heart, never at her head."—Philadelphia

Minard's Liniment is used by Physicians TOO MUCH COURTING IN CHURCH.

An English Minister Searching for Som Way to Curb It. vicar of St. Paul's, Scotforth,

ancashire, says the London Mail, has incited suggestions from his congregation for the curtailment of opportuni-

ties for courting in church.

One member of the congregation has proposed that offenders should be placed in seats nearer the pulpit, and the vicar's own remedy is the drafting of a "black list," The curate hinted at a separation of the sexes, and mentions that he has even heard of photographs being handed about by young pople in th church.

Th vicar certainly thought it a duty

Th vicar certainly thought it a duty to restrain the practices as far as pos-sible, and finally two laymen were ap-pointed to discuss and recommend preventive measures.

Standard Service

The concensus of opinion is that the New York Central is the correct line to New York, Boston and points east. Your ticket agent will tell you all about it.

"CHILD OF PEACE" Why a Princess of Hesse Was Known as "Friendenskind."

Princess Henry of Prussia, says the London Graphic, is a daughter of that doughty soldier, Prince Louis of Hesse, who invited all the officers and men of the cavalry brigade he commanded during the war of 1866 to stand sponsors to the little girl born during that stormy period. The christening did not take place until peace was proclaimed, and the princess, in the presence of a good number of her 4,000 godfathers, received the name of "Irene," signifying "Peace," and was known as "Friendenskind," or "the child of peace." The prince and princess have recently experienced the grief of losing their four-year-old son, Prince Henry, through the effects of an accident, caused by a fall when jumping from one chair to another in his nursery.

HE SNORED TOO LOUD.

Says an Omaha, Neb., special to the Chicago Tribune: The plea that her husband snored so loudly that she could not sleep did not suffice to secure a divorce for Mrs. Albert Phenix, and her application was refused by the author-ities. bankrupt is that man with the fur over-coat and diamonds,"

ISSUE NO. 26 1904.

POPULAR CORSET FOR 1904 253

NO BRASS EYELETS

RUSH & CO TORONTO, - OF

ALL WATERED IT.

"Years ago when I left home," said W. H. Donahey, of Cleveland, Ohio, "I got a job in a country printing office. Some one gave the editor a jug of applejack brandy. One day, while we were all at work, a man came in to pay his subscription, and the editor took "Years ago when I left home were all at work, a man came in to pay his subscription, and the editor took him into the saunctum and shut the door. 'Gee, but that's mighty thin brandy,' were the words that came through the thin board partition.

"I began to snicker. 'Shut up,' said the foreman; 'I've been drinking and watering it.'

"'So have I,' said the editor's son.

"'So have I' said I."

NINE MILLION ACRES Government Lands for Homesteader

In western Nebraska near the Union Pacific Railroad in section lots of 640 Pacine Railroad in section lots of 640 acres each, for almost nothing. The salubrity of these lands is something remarkable. Distance from railroad is three to thirty miles. There will be a grand rush of homesteaders. This is the ast distribution of free homes the United States Government will ever make in Nebraska. Write for pamphlet telling Nebraska. Write for pamphlet telling how the lands can be acquired, when en-try should be made, and other information. Free on application to any Pacific agent.

BILLIARDS IN A LION'S CAGE.

Ipswich, in England, was recently the cene of an extraordinary billiard match. The manager of a circus offered to play any one in the lions' cage, and an amateur, well known in that part of Engteur, well known in that part of Eng-land, accepted the challenge. Conse-quently a table was placed in the cage and at the appointed hour the game began in the presence of an immense crowd. The only other person in the cage was a woman, who is skilled in taming animals. She carefully watched the nine or ten lions as they strode to and fro, but her vigilance was appar-ently unnecessary, for the animals did not pay the slightest attention to the players.

not pay the signtess attention to players.

The manager won the game, but the applause which greeted him was not more hearty than that which was accorded to the amateur, who had shown such rare courage in venturing unarmed into a cage of lions.

\$100 REWARD, \$100

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh, being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and the constitution of the disease, and giving the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer (Hundred Dollars for any case that it falls cure. Send for list of testimonials.

Address F. J. CHENEY & CO., Toledo, O. Sold by all druggists. 75c. Take Hall's Family Pills for constipation

A POOR GUESS.

"It's easy enough to pick out the bankrupt," said the unsophisticated reporter at the credirors' meeting. "Yes?" replied the other.

"Yes. See how shabby and careworn he looks."
"That's the principal creditor. The

Sacramento Valley California

BRUKKER KERKER KERKER KERKER KERKER KERKER BERKER BERKER BERKER KERKER KERKER KERKER BERKER B

Fine Climate, Rich Soil, Well Irrigated, Not Overcrowded

The range of production here is marvellous. Almost anything can be raised that is raised elsewhere. And there is

Room for More Workers

on irrigated lands. Read the book, "The Sacramento Valley," issued by the Southern Pacific and sent to any address for 2 cents postage; 112 pages, 111 fine half-tone Illustrations. It shows you what the valley looks like and tells you of its resources. Write to

H. F. CARTER

75 Yonge St., - - Toronto, Ont.

NAMES AND ADDRESS OF THE PARTY OF THE PARTY

SOUTHERN PACIFIC