CHEMICAL EXPERIMENT

Any Child Can Do It-The Result is Imost Like Magic-Useful Too.

Anything in the nature of a chemi cal experiment is always interesting and usually educative. Here is a sim ple experiment which any child car perform and which is instructive in a very practical way: Get a bit of White Lead about the size of a pea, a place of charcoal, a common candle it stick, and a blow-pipe. Scoot bold the White Lend, then light the candle, take the charcoal and lead it one hand and the blow-pipe in the other, with the large end of the blow pipe between the lips; blow the flame the candle steadily against the bi White Lead on the charcoal and i the White Lead is pure it will present resolve itself into little shining glob nies of metallic lead, under the intense beat of the blow-pipe, leaving no

If, however, the White Lead is adul terated in the slightest degree, it wi not wholly change into lead. will be seen, that this experiment i not only an entertaining chemical dem enstration, but also of practical use in portant ingredient of paint, it should the home. White Lend is the most im bought pure and unadulterated and mixed with pure linseed oil. That is the best paint. The above easy experi ment enables any one to know whether the paint is the kind which will went

The National Lead Company guar antee that white lead taken from package bearing their "Dutch Boy Painter" trade-mark will prove also lutely pure under the blow-pipe test and to encourage people to make the fore using it, they will send free blow-pipe and a valuable booklet of paint to any one writing them asking for Test Equipment. Address Nationa Lead Company, Woodbridge Building. New York City.

PUTURE OF THE PACIFIC

Breat Cities Will Grow Up on Our Western Senboard

It is generally conceded by the best and most farsighted minds, that the greatest world trade of the future is to be across the Pacific, says a writer in Success Magazine. For centuries trade sentered in the Mediterranean, with the result that the largest and most important cities of that time were formed on the shores of southern Europe and northern Africa. The discovery of America, then a wilderness, centered trade later in the Atlantic, and the most important cities of the world then grew up on the shores of western Europe and eastern America, So the cities of the Pacific coast of America in time will probably be in proportion to the trade across the Pacific, and the trade across an ocean, other things being squal, is in proportion to the number of people who live along its borders,

To-day the Pacific coast of the United States has about one-twelfth as many people as live along the Atlantic seaboard; yet the shores of the Pacific ere many times richer in natural resources than are those of the Atlantic. There is hardly any comparison between the sterile hills of New Bogland and the garden valleys of Washington, Oregon and California. California alone is, breadly speaking, two-thirds the size of France, and is easily capable of supporting 20,000,000 people. France supports 40,000,000. Along the lower half of the western seacoast, for hundreds of miles, there is but one world harbor-San Francisco. This fact alone insures to the Golden Gate a city as large as Paris, or even larger. It may be San Francisco, or Oakland, or any other point on the great bay: in a large sense it matters not what the local point or name is, or will be. The important fact is that at the Golden Gate there is to be an American city of from two to five million people. The growth of this city-or of any of the other cities on the Pacific coast-will not be sudden, but it will e in exact proportion to the pressure of population in America, the awakening of Asia-as Japan has awakenedand the development of other Pacific

Degs Used as good in Germany. In 1906 there were slaughtered for food in the kingdom of Saxony 12,922 horses and 3,726 dogs. This was an in crease of 224 horses and 133 dogs over the year 1905. In the whole empire in 1906 there were slaughtered for food 182,000 horses, and it is estimated that about 7,000 dogs go into food in the empire annually. "Horseflesh is very generally advertised in the German newspapers, especially in those of the large industrial centers," says United States Consul Ifft, "and most German cities have at least one market which makes it a specialty, claiming for it s higher percentage of nutriment than that of either beef, veal, mutton or pork. Neither is it unusual to find advertisements of dog meat or for the purchase of dogs for slaughter. Not is it possible to read the German news papers for any length of time without coming to the conclusion that a great many dogs are killed and eaten that do not give up their lives under official inspection."

Over the Telephone. "Hello! Is this the ticket office of th X., Y and Z.?"

When does to-day's overland five leave for San Prancisco?" Who is it talking?"

"Mrs. de Trayne." "That's right, ma'am. You miss at's just pulling out. Good-by."

KIDNEY

AIKENSIDE

MRS. MARY J. HOLMES

..............

Aschor of "Dorn Benne," "The English Orphane," "Homestend on the Hillside," "Lens Rivers," "Readowbreek," "Tempest and Sanshine," "Courts Mande," etc.

Madam Grundy to let alone. If Lucy termined that no husband should be bur-

Guy could not resist that touching ap-

her, nobody who could cure her? Her

den lifted from his mind, Guy began to

He knew she had returned, for Flora

hall, as she answered some question of

Mrs. Noah's; stepping to the door, he ask-

would commence to-morrow, after she

"Oh, Mr. Remington," and Maddy be

gan to cry, "I am afraid I cannot stay

They need me at home, or may. Grandpa

said so and I don't want to go, though I

Here Maddy broke down entirely, sob-

bing so convulsively that Guy became

alarmed, and wondered what he ought

Controlling her voice as well as she was

able. Maddy told him how the physician

Joseph would in all human probability

subject, he seemed as anxious as a little

around, and he was not at home, as he

It was a gloomy prospect to exchange

Alkenside for the bumble home where

poverty had its abode, and it was not

very strange that Maddy should shrink

from it at first. She did not stop to ask

what was her duty, or think how much

happiness her presence might give her grandparents, or how much she might

cheer and amuse the weak imbecile, her

uncle. She was but human, and so, when

Guy began to devise ways of preventing

her going, she listened, while the pain at

her heart grew less as her faith in Guy

grew stronger. He would drive down

with her to-morrow, he said, and see what

As Guy had half expected, the doctor

him into his private room, Guy proceeded

at eace to unfold his scheme, asking him

"How much he probably received

The doctor could not tell at once, but

"Because, doc, I have a project on foot.

Lucy Atherstone is dying with what they

call consumption. I don't believe those

old fogies understand her disease, and if

you will go over to England and under-

take her cure, I'll give you just double

what you'll get by remaining here. They

are going to Naples for the winter, and

andoubtedly, will spend some time in

Lucy and her mother will be glad of your

services when they know I sent you. Lucy

likes you now. Will you go? You can

trust Maddy to me. I'll take good care

that she is worthy of you when you come

At the mention of Maddy's name the

lector's brow darkened. He was sure that

Guy meant kindly, but it grated on his

cellings to be thus joked about what he

knew was a stern reality. Guy's project

appeared to him at first a most insane

one, but as he continued to enlarge upon

it, and the advantage it would be to the

ooter to travel in the Old World, a feel-

ing of enthusiasm was kindled in his own

preast; a desire to visit Naples and

France, and the places he had dreamed of

as a boy, but never hoped to see, Guy's

plan began to look more feasible, and pos-

sibly he might have yielded but for one

hought, and that a thought of Maddy

with Guy, even though Guy was true to

Lucy as steel. He would stay; he would

watch; and in time he would win the

young girl walting now for him in the

hall below, waiting to tell him 'mid

blushes of shame and tears of regret how

she had meant to pay him with her very

first wages, but now Uncle Joseph was

onger.

ed ball.

began :

coming home, and he must wait a little

mmindful of Guy's presence Maddy laid

her hand confidingly upon his arm, while

his. Guy left them together in the light-

making Maddy sit beside him, the doctor

at least to you, and when I tell you that

I never think of that bill except when

you speak of it, you will believe me. I

know your grandfather's circumstances.

and I know, too, that I did much to in

duce your sickness, consequently if I made

He did not get any further, for Maddy

hastily interrupted him, and while her

eyes flashed with pride, exclaimed:

"Maddy, you know I mean what I say,

her soft eyes looked beseechingly

Would he, could he be so good?" and

Sitting down on the sofa, and

He would not leave her alone

Paris. It will be fust the thing for you

year for his services as physician."

could be done.

know it's wicked not to. Oh, dear! dear!"

would prefer to take up first.

to do to quiet her.

CHAPTER XII. It struck the doctor a little comically for your Lucy, far away over the sea.' that one of Guy's habits should offer to turn school teacher, but Maddy was so peal, "te pray for his little Lucy," and glad that he was glad, too, and doubly though his lips were all unused to prayer, glad that across the sea there was a bowing his head upon his hands he did ask Lucy Atherstone. How he wished that that she might live, beseeching the Father she was there now as Mrs. Guy, and he must tell Guy so that very day. Sented one-Lucy must be spared. Guy felt betin Guy's library, the opportunity seen octor for having prayed, it was something curred. Guy approaching the subject himter to tell Lucy, something that would please self by saying:

"Guess, Hal, what wild project I have very sad, a part of the lead was lifted, and he could think of Lucy now without "I know without guessing; Maddy told the bitter pain her letter first had cost me," and the doctor's eyebrows were ele- him. Was there nothing that would save

vated just a little. "And so you don't approve?" was Guy's disease was not hereditary; surely it next remark, to which the doctor replied: might be made to yield; had English "Why, yes; it's a grand thing for her, physicians no skill, would not an Ameriproviding you know enough to teach her; can do better? It was possible, and if but, Guy, this is a confounded gossiping that mother of Lucy's would let her come asighberhood, and folks will talk, I'm where decters knew something, she might afraid. She's too handsome, Guy, for get well; but she wouldn't; she was de-

were only here, it would be different. dened with an ailing wife, and so if the Why, in the name of wender, are you two mountain would not come to Mahomet, not married, if you are ever going to be?" why, Mahernet must go to the mountain, "Jealous, as I live!" and Guy's hand and Guy fairly leaped from his chair as came down playfully on the doctor's shoulder. "I did not suppose you had got as most skillful man I ever knew, I'll send far as that. You are afraid of the effect him to England; send him to the Atherit may have on me teaching a sweet-faced stones; he shall go to Naples with them little girl how to conjugate ame; and to as their family physician; he can cure cover up your own interest, you bring Lucy; I'll speak to him the very next time Lucy forward as an argument. Henestly, he comes here"; and with another burdoctor, I am doing it for you. I imagine

you fancy her, as well you may. She'll wonder where Maddy was. make a splendid woman, but she needs educating, of course, and I am going to had said she brought the letter, and he de it. You ought to thank me, instead was about going out, in hopes of finding of looking so like a thundercloud," and her and Jessie, when he heard her in the Guy laughed merrily. The doctor was ashamed of his mood,

and could not tell what prompted him to ed her to come in. Then he told her that the time had come when he could give those promised leasons, asking if she "I am obliged to you, Guy; but, as far as I am concerned, you may spare your-self the trouble. If my wife needs eduwas through with Jessie, and what she

cating, I can do it myself." Guy was puzzled. Could it be that, after all, he was deceived, and the doctor did not care for Maddy? It might be, and he hastened to change the conversation to another topic than Maddy Clyde. The doctor stayed to dinner, and as Guy watched him closely, he made up his mind that he did care for Maddy Clyde, and this confirmed him in his plan of edueating her for him.

Magnanimous Guy! He felt himself very good, very generous, very conde-scending, and very forgiving, the early portion of the afternoon; but later in the the light of a martyr, said martyrdom consisting in the scornful toes of the head with which Agnes had listened to his plan, and the open opposition of Mrs.

"Was he beside himself, or what?" this worthy asked. "She liked Maddy Clyde, to be sure, but it wasn't for him to demean himself by turning her schoolmaswith a girl as pretty as Maddy? It was a duty he owed her, at any rate, to tell her about it, and if she said 'twas right,

This was the drift of Mrs. Noah's remarks, and as Guy depended much on her judgment, he decided to write to Lucy to see if she had the slightest objections to his teaching Maddy Clyde. Accordingly, he wrote that very night, telling her frankly all he knew concerning Maddy Clyde, and narrating the circumstances under which he first had met her, being careful also to repeat what he knew would have weight with an English girl like Lucy, to wit, that though poer, Maddy's father and grandfather Clyde had been gentlemen, the one a clergyman, the other a sea captain. Then he told of her desire for learning, and his plan to teach her himself, of what the dector and Mrs. Noah had said about it, and his final determination to consult her. Then he described Maddy herself, feeling a strange thrill as he told how pure, how innecent, how artless and beautiful she was, and asked if Lucy feared aught from ble assoelation with her.

"If you do," he wrote, "you have but to my so, and though I am committed, I will extricate myself in some way, rather than wound you in the slightest degree." It would be some time ere an apewer to this letter could be received, and until such time Guy could not honorably bear Maddy's lessons as be had agreed to de. But Maddy was not suspicious, and accepting his trivial excuse, waited patient ly, while he, too, waited for the letter, wondering what it would contain.

At last the answer came, and it was Maddy who brought it to Guy. She had been home that day, and on her return had ridden by the office as Guy had resuested her to do. She saw the letter bere a foreign postmark, also that it was in the delicate handwriting of some tomale, but the sight did not affect her in the least. Maddy's heart was far toe heavy that day to care for a trifle, and so, placing the letter carefully in her basket, she kept on to Alkenside.

The letter was decidedly Lucy-ish in all that pertained to her "dearest darling." her "precious Guy," but when she came te Maddy Clyde, her true, womanly na-ture spoke; and Guy, while reading it, felt how good she was. Of course might teach Maddy Clyde all he wished to teach her, and it made Lucy love him better to know that he was willing to do such things. She wished she was there to help him; they would open a school for all the poor, but she did not know when mamma would let her come. That pain in her side was not any better, and her cough had come earlier that season than last. The physician had advised a winter in Naples, and they were going before long. Then followed a few more lines sacred to the lover's eye, lines which told how pure was the love which sweet Lucy Atherstone bore for Guy Remington, who, as he read, felt his heart beat with a throb of pain, for Lucy spoke to him now for the first time of what might possibly

"I've dreamed about it nights," she said. "I've thought about it days, and tried so hard to be reconciled; to feel that if God will have it so, I am willing to die before you have ever called me your little wife, or I have ever called you husband. Heaven is better than earth. know, and I am sure of going there, I hink, but oh, dear Guy, a life with you one out at all, it would be a very small looks so very sweet that sometimes your little Lucy shrinks from the dark grave which would hide her forever from you. Buy, you once said you never prayed, and at made me feel so badly, but you will say r will not be a charity patient! I shen you get this, won't you? You will say r will not! I'd be a hired girl before ask God to make me well, and maybe He I'd do it!"

know that poverty was pressing its iron hand upon her young heart; and only because she was so young did he refrain from offering her then and there a resting place from the ills of life in his sheltering love. But she was not prepared, and he should only defeat his object by his rashness, so he restrained himself, though he did pass his arm partly around her waist as he said to her: will hear you. Do, Guy, please do pray

"I tell you, Maddy, honestly, that when I want that bill liquidated I'll ask you. I certainly will, and I'll let you pay it, too. Does that satisfy you?" Yes, Maddy was satisfied, and after a little the doctor continued:

It troubled the doctor to see Maddy

"By the way, Maddy, I have some idea of going to Europe for a few months, or a year or more. You know it does a phycian good to study a while in Paris. What do you think of it? Shall I go?" to send upon him any calamity save this The doctor had become quite necessary

to Maddy's happiness. He it was to whom she confided all her little troubles, and to lose him would be a terrible loss, and so she answered that If it would be much better for him she supposed ought to go, though she should miss him sadly and be so lenely without him. "Would you, Maddy? Are you in cara-Would you be the lonelier for my being gone?" the doctor asked, eagerly.

With her usual truthfulness, Maddy replied: "Of course I should;" and when, after the conference was ended, the doctor stood for a moment talking with Guy. ere bidding him good-night, he said: "I think I shall not accept your European proposition. Somebody else must cure The next day, as Guy had proposed, he

rode down to Honedale, taking Maddy with him, and offered so many reasons why she should not be called bome that the old people began to relent, particularly as they haw how Maddy's heart was set on the lessons Guy was going to give her. She might never have a like opportunity, the young man said, and as a good education would put her in the way of helping them when they were older and her more, it was their duty to leave her with them. He knew they objected to her receiving three dollars a week, but he should pay it just the same, and if they chose they might, with a part of it, hire a little girl to do the work which Maddy would do were she at

settled, and chatted gayly with her grandmother, while Guy went out with her grandfather, who wished to speak with him slonk.

'Young men," he said, "you have taken a deep interest in me and mine since I first came to know you, and I thank you for it all. I have nothing to give in return except my prayers, and those you have every day; you and that doctor. I pray for you two just as I do for Maddy. Somehow you three come in together. You're uncommon good to Maddy. 'Tain't everyone like you who would offer and assist on learning her."

at the asylum had written that as Uncle Grandpa felt relieved when he had said never be perfectly sane, and as a change all this to Guy. On their return to the of scene would do him good, Mr. Markhouse grandpa showed Guy the bedroom intended for Uncle Joseph, and Guy, as that having been spoken with upon the he glanced at the furniture, thought within himself how he would send down from child, even crying when the night came Aikenside some of the unused articles piled away in the garret when he refurexpressed it. "They have kept him so long," Maddy said, "that grandpa thought nished his house. He was becoming greatly interested in the Markhams, caring it his duty to relieve them, though he can't well afford it, and so he's coming nothing for the remarks his interest might excite among the neighbors, some of whom watched Maddy half curiously as next week, and grandma will need someter. Folks would talk awfully, and she one to help, and I must go. I know it's in the stylish carriage, beside its stylish couldn't blame 'em; besides, what would wrong, but I do not want to go, try as I owner, she rode back to Aikenside in the autumnal afternoon.

(To be continued.)

******** HE KNEW HUMAN NATURE. ****************

When Davy Crockett was on his way from his Tennessee home to Texas to fight for the new republic, he rode overland with some /chance friends from Little Rock to Fulton. One day they were startled by hearing the high notes of a distant violin playing a rollicking air. Putting spurs to their horses, the came around that evening, and inviting men hastened toward the sound, and soon observed several others running through the fields in the same direction. At last they came over the crest of a ridge, in view of the river, and beheld the fiddler seated in the middle after a little thought, made an estimate, of the flood, in an almost submerged and then inquired why Guy had asked the buggy, playing as fast as he could shake the bow.

"Hello, there! Turn back!" shouted the men who came through the field. "I can't," replied the fiddler. "But you've missed the ford. You'll

drown!" "I've known that for half an bour. "What are you going to do?"

"Sit here till you chaps come out and turn my horse the right way." The horse was with difficulty keep-

ing his footing and seemed about to be swept away. One of the men who had been attracted by the fiddling waded out, and by a precarious way reached the horse's head and led him round to the ford and back to the bank, the passenger fiddling all the way and winding up with a merry jig.

"What do you mean by sitting out there fiddling in the face of death?" demanded Crockett of the rescued

"Well, colonel," said the fiddler," 1 am a student of human nature. When found I had missed the ford and needed help, I set out to get It. I might have shouted myself hoarse, and no one out here would have paid the slightest attention to me. But there isn't a man west of the Mississippi who wouldn't come running at the sound of a fiddle in the woods."

"And he was right," said Davy, "for there we were the lot of us, our horses all of a lather, for running to satisfy our curiosity about that squeaking fid dle in this out-of-the-way place."

Perfectly Harmless. The old bachelor was dining at the some of a newly married friend. "Have a piece of this cake, Mr. Old-

bach," said the fair hostess, "I made

it myself." "Thank you," rejoined Oldbach, "but -er-seldom eat cake." "Oh, you needn't be afraid of it,

Oldbach," said the host. "I tried a pelce of it on a tramp this morning." Where He Failed. Mrs. Diggs-Yes, she is suing her

husband for divorce on the grounds of fallure to provide. Mrs. Biggs-Doesn't she get enough to ent?

lace she wanted.

so disturbed about dollars and cents to One of the Great Curses Under Which the Country Suffers.

CASTE IN INDIA.

course between the member of different by the habitual adoption of the same grades. The four main castes in India attitude toward all the affairs of life. are the Brahmans, or sacerdotal caste; It is an aid in its adoption as regards or mercantile, and the sudras, or ser- years slept only a few hours a night, vile class. But there are almost in- without noticeable impairment of their numerable other classes, of whom the health or comfort. very lowest are the Chandala, or parishs, creatures so vile that to those sleep itself, the attitude of our mind in form service for the members of an- the mind is mactive, and that dreams ly is Indian society permeated with from profound sleep to wakefulness. It this pernicious principle that the whites is conceivable that in the ideal sleep are constant sufferers from it. Thus there is only one such period, but orthe servant who may sweep your room dinarily there occur many such periods would not groom your horse, nor cut during the night, and for the restless the grass on your lawn, for these are and uneasy sleeper the night may furthe business of other castes. Where a nish a succession of such periods, with person loses caste by some infringe- comparatively little undisturbed rest, ment of the rules governing it, he sinks The character of the pictures and suginto a lower caste and transmits that gestions of dreams, though in new con heritage to his children. The people binations, are largely dependent on our of one caste cannot trade with those daily experiences. Is it not, then, worth of another, and in a multiplicity of while to encourage, during our waking ways the evils of the system affect the hours, such thoughts as are restful and Hindus. Between the latter and the useful, rather than those which serve Mussulmans, of whom there are many no purpose but annoyance? millions in India, there is a deep an- If we will, we can select our thoughts

Our Illustration, taken from the Ilustrated London News, depicts an inident which shows the superficial

of their effectiveness and the insistent thought that sleep will not follow these or any other procedure, they are likely

The Evolution of

Household Remedies.

The modern patent medicine busi-ness is the natural outgrowth of the eld-time household remedies.

In the early history of this country, EVERY FAMILY HAD ITS HOME-MADE MEDICINES. Herb teas, bitters, laxatives and tonics, were to be

Sand is almost every house, compound-

od by the housewife, cometimes assisted by the apothecary or the family doctor. Such remedies as piers, which was also and quassia, dissolved in apple brandy. Semetimes a hop tenic, made of whiskey, heps and bitter barks. A

seere or more of popular, home-made remedies were thus compounded, the

formulae for which were passed along from house to house, sometimes written, sometimes verbally communicated.

natural outgrowth from this whole-

some, eld-time custom. In the begin-

ning, some enterprising doctor, im-pressed by the usefulness of one of these home-made remedies, would take

it up, improve it in many ways, manu-

facture it on a large scale, advertise it

mainly through almanacs for the home,

and thus it would become used over a

large area. LATTERLY THE HOUSE-

HOLD REMEDY BUSINESS TOOK

A MORE EXACT AND SCIENTIFIC

Peruna was originally one of these

old-time remedies. It was used by the

Mennonites, of Pennsylvania, before it

was offered to the public for sale. Dr.

Hartman, THE ORIGINAL COM-

POUNDER OF PERUNA, is of Men-

nonite origin. First, he prescribed it for his neighbors and his patients.

The sale of it increased, and at last he

to accomplish little. One of the greatest evils to-day in The best immediate preparation for India is that of caste, which divides sleep is the confidence that one will

society among the Hindus in such a sleep, and indifference if one does not. manner that there can be no inter- This frame of mind is best attained the chuttree, or military; the valsya, sleep to learn that many have for With regard to the character of the

above them their very shadow is a pol- sleep is dominated, to a degree, at least, lution. For the members of one of by its attitude in the waking hours. It these classes to mingle among and per- is probable that during profound sleep other caste is unthinkable, and so deep occur only during the transition state

as we do our companions.

Novel Uses of Ice.

A government expert has devised manner in which the rule of caste may novel method of keeping a car or combe evaded. In towns where Hindus and partment comparatively warm in zero Mohammedans live side by side, the weather; not by fire, but by the utilisellers of drinking water supply the zation of ice, says the National Proviliquid through little port holes, one for sioner. A well insulated car is fitted each religion. The drinker is thus sup- each end with four galvanized iron cylposed-to be ignorant of the caste of inders reaching from the floor to the

established a manufactory and farnished it to the general drug trade. Peruna is useful in a great many climatic ailments, such as coughs, colds, sere throat, bronchitis, and catarrhal diseases generally. THOUSANDS OF FAMILIES HAVE LEARNED THE USE OF PERUNA and its value in the treatment of these ailments. They have learned to trust and believe in Dr. Hartman's judgment, and to rely on his remedy, Peruna. THE MAN BEHIND THE GUN. Only Recently Did He Become of Importance in the Navy. It is only in recent years, says a United States ordnance officer, that the training of our navy men in marksmanship received adequate attention. But since the Spanish-American war the improvement in marksmanship has been enormous, and now the man behind the gun is recognized as the most important factor in the efficiency of & war yessel. Now, too, everything gives way to target practice and the one thing that a commander is more interested in than anything else is the record that his men can score at the

But, just to illustrate the difference between the old days and now. I was junior officer on the Essex many years ago. In those days we had target practice once a quarter-were forced by regulations to expend so many rounds of ammunition every three months, and, well, that was about all there was to it. It was a perfunctory kind of practice, and every one was glad when It was over.

One day we went out for the quarterly practice, anchored the target and went at it, anxious to have it over. The targets we used in those days were three planks fastened in a triangle, a spar stepped in the center to hold the canvas which formed the target proper.

Now, the gun captain of the forward pivot rifle was an excellent marksman, and on his first trial he sent a shell through the spar, smashing it to finders. That, of course, stopped the practice, and out went a boat to tow the wrecked target alongside for repairs. When it had been fixed up it was towed back to its place and the aring resumed. Again the same gunmer had the first shot, and again It's shell brought down spar and canvas. The boat was again sent out, and the repaired target was being towed back to the range, when the captain, who had been put so much out of humor by the delay, sent word to the gun captain that if he hit that target again he would put him in the brig.

A Good Pinkerman. A small boy who lives near a lake was fishing and his mother had to call him five times to make him hear, says the Philadelphia Telegraph. Final, she landed on bim, and, shaking him in a terrible manner, wanted to know why he did not answer. This was the reply: "I dion't hear you for the first three times, and the last time I had a

Patience—Dill you ever attend a

cooking school? Patrice-Oh, yes; I've had that kind of dyspepsia, teo !- Youkers States-

Habitual Constipation

May be permanently overcome by proper personal efforts with the assistance of the one truly beneficial laxitive remedy, Syrup of Figs and Elitic of Seena, which enables one to form regular habits daily so that assistance fonature may be gradually dispensed with when no longer needed as the best of remedies, when required, are to assist nature and not to supplant the nature al functions, which must depend ultimately upon proper nourishment, proper efforts, and right living generally. Toget its beneficial effects, always buy the genuine

Syrup Figsond Elixir & Senna CALIFORNIA FIG SYRUP CO. ONLY SOLD BY ALL LEADING DRUGGISTS



EVADING THE LOSS OF CASTE IN INDIA.

the man who supplies the water and top of the car. In summer these cylinhis own caste is consequently unbroken. ders are filled with ice and salt to For a Brahman, for instance, to be keep the car cool. In winter they are served by a Mussulman would be a filled wth ice to keep the contents of desecration of the latter's holy state, the car from freezing. for the Brahmans are regarded by the Hindus as divine and fit subjects for 32 degrees Fahrenheit and is a subreneration even by the gods,

A FAULTY HABIT OF MIND.

Things to Avoid if One Would Sleet in a Restful Way.

The number of people who in spite of themselves count the hours through the night in a valu endeavor to win sleep is surprising. "Couldn't sleep," ts the apology for heavy eyes and dull brain. Coffee, worry, excitement, are scapegoats only, and do not help us solve the problem, Why can we not

Sleeplessness, in the majority of cases, is due to a faulty habit of mind. The preparation for a sleepless night begins with the waking hours, is continued through the day, and reaches its maximum when we cease from the occupations which have in some degree diverted our attention from harassing thoughts, and retire, to struggle, in darkness and solitude, with the worries, doubts, regrets, and forebodings which now assume gigantic and fantastic

cludes sleep is oftener due to worry than to work. Nor should the sufferer Jump too quickly to the conclusion that it is the loss of sleep rather than the worry that makes him wretched. It is ustonishing how much work can be carried on without extreme fatigue, provided it be undertaken with confidence and pursued without impatience. It is, however, essential that the work be varied and, at due intervals, broken, No one can acquire the habit of slown who has not learned the habit of conninded to the matter in hand. If we

view sleep as our present duty, and a inventor does not give any idea of the sufficient duty, without taking the opfuture.

portunity at that time to adjust for to try to adjust) all our tangles, to review our past sources of discomfort, and to speculate upon the ills of the A walk, a bath, a few gyranastic exercises, will often serve a useful pur-

Mrs. Diggs-Oh, yes; but he failed pose before retiring, but if they are provide her with the diamond neces undertaken in a fretful and impatient

Ice is nominally at a temperature of

stance that changes temperature reluctantly, being a poor conductor of heat or cold. Consequently when zero weather prevails outside the cylinders of relatively warm ice prevent the escape of heat, in other words they maintain the temperature within the car. Another method whereby ice is em ployed for protection against cold consists in throwing a plentiful stream of water on the car when the temperature is near zero point, which freezes at once and forms a complete coat over the car. The action of this ice is the same as in the case of the cylinders filled with ice. A similar plan is frequently adopted in the transportation of bananas, a fruit particularly susceptible to cold.

NOVEL SHIP PROPULSION. Wind Motors in Pairs Operate the

A resident of Stettin, Germany, has invented a unique scheme of ship propulsion which he has had patented in the United States. This propelling mechanism for ships is by means

of wind motors, do-

ing away entirely

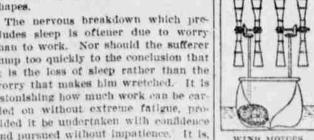
with steam or elec-

tricity. The wind

motors are er-

ranged in pairs on

Propellers.



each side of the ships, and transmit WIND MOTORS. power to the propellers by suitable shafts and gearing For the purpose of greater developmen of power two of the motors are counted centration, of devoting himself single logether upon one shart. Arranging the motors on both sides of the shi practice devoting our minds, as we do and connecting to two propellers facili our bodies, to one object at a time, we tates access and the transference of that not only accomplish more, but power. If one of the propellers gets with less exhaustion, Training in this out of order the second motor still radirection will help us, on retiring, to mains operative. Unfortunately, the

speed of a ship so equipped.

Don't forget that you are, or ought to be, your children's ideal of all that is perfection, and that it is your duty to live up to their bleafs in every possible way. Not an easy task, but wonderfully inspiring.

Ever notice how some people sit with spirit, and are accompanied by doubts wide-open mouths when you talk?