bevice Has Been Invented Which Ab-

solutely Prevents Lump Explosions. In Great Britain an invention which, t is claimed, gives absolute safety to di lamps, is being applied to practical ises. The device consists of a cirsular metal box, the size varying acsording to the candle power required. in the box is a deposit of salt, over which is a layer of cotton waste spenally prepared.

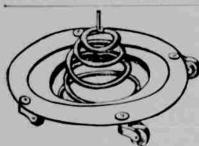
Running through the cotton packing an asbestos wick, woven by hand, ind which is practically indestructible, and requires only occasional atlention. By immersing the box in etroleum or paraffin the cotton waste theorbs the requisite quantity of oil a a few minutes through small lateral interstices. That accomplished and the metal being dried externally, the application of a light to the asbestos wick produces a bright, steady white light, the candle power being in proportion to the size of the box, the consumption of oil being less, and, actordingly, the cost being correspondingly cheaper than if the light were phtained from an ordinary lamp.

Moreover, it is claimed absolute safety is assured. The asbestine lamp changed. tuny be inverted, may exhaust itself, tany be thrown down or whirled about but there is no danger, it is averred. as there is no free oil or gas that can be ignited, and consequently there can plants. Two horses, weighing 1,600 be no fire or explosion. The patent pounds each, together pulled 3,750 is said to be applicable to every spe- pounds, or 550 pounds more than their cles of lamp, from the modest night light necessary in the nursery, through ling 12,000 pounds, pulled 8,750 pounds, the best and pleasantest room in the lily as ours." the entire gamut of domestic illuminain every direction, especially where a ships.

Scottish and Irish rallways are en according to Dr. George M. Gould, are by bushand's devoted selfishness. tion of lamp—the bicycle lamp, the our results. For instance, right-eyed lers and strong arms would have made day of our lives." point can be used with perfect safety and with the additional advantage of considerable economy. The problem cause the ordinary position of the viohave been solved.

#### SPRING FURNITURE CASTOR.

tertain to warp after a time and make weaker left arm has to direct and en- matched up a pen, dipped it into the fresh flowers in the vases, and I pickeverything in the room stand uneven. force the blow, while the stronger link, and held it suspended over the ed and shelled the peas, and made the This might be averted by building the right plays a subordinate part for the paper, as he said in the half-annoyed pudding, and cooked your steak, and floor up several layers at different an convenience of the right eye. gles, as fine furniture is made, but it A new branch of science, called some absorbing train of thought: is too costly for the average dwelling. "psychomechanics." has received espe-Then, too, there is another cause for cial attention in France from Dr.



SPINING FURNITURE CASTOR

Is the natural wear of the legs from frictional contact with the floor for a time. It is the object of the castor shown in the accompanying drawing to overcome both the uneven floor and variations in the length of the furniture legs. Instead of being permanently attached to the leg this invention is only connected by means of a spiral spring, which rises from the cup on the top of the castor. The spring has a vertical stem, which is inserted in a small hole in the end of the furniture leg. The weight of the piece is supported equally on all four springs, each carrying its share of the load, even should there be considerable variation in the floor level. Thus there is no rocking of a chair, table or other piece of furniture which should rest solidly on its supports.

### All Things to All Beliefs.

A certain woman of a lively disposition and much beloved in her circle says that she is a woman suffragist once a year; at the time of the annual dinner. "They have such a lot of icecream and strawberries?" she exclaims, with sparkling eyes. The New York Times tells another story to mate with this:

A woman in Brooklyn who is active In promoting the suffrage cause in that bity tried recently to induce a lively oung mutron to join the Woman's Republican League. She met with a flat refusal. "But your husband is a Republican, and you belong to the Womhn Suffrage Association."

"I belong to the Suffrage Association and to the Anti-Suffrage Association," was the placid reply. "I like he women in one and the refreshnents in the other. But honestly, I ion't believe in either!"

### Idleness Discouraged.

"I see it stated that there is an larming lot of idle money in the coun-

ry just now." Say, I'd like the job of setting a lttle of it at work for a week or so. 'd bave it putting in eighteen hours day and sixty minutes every hour and nothing off for meals. Oh, I'd seep it busy all right, all right."leveland Plain Dealer.

Young man, don't turn down a leaprear proposal because the girl can't She may be able to pay your sook.

Never air the faults of others until ofter deodorizing your own.



Investigating a reported discovery, Dr. Greeff of Berlin has proven that radium offers no hope whatever of aiding the blind to see.

The cost of concentrating the force of sea waves must ever prevent the utilization of wave power, in the opinion of V. Martinet, a French engineer. The elevation of floats is only moderate and it takes a long time, so that the apparatus is very expensive for small power.

The process of homogenizing milkperfected by Gaulin of Paris consists in forcing the milk, at about 185 degrees Fahrenheit, from a closed drum in very fine jets against a porcelain plate. The fat globules are broken up into very minute particles. There is no subsequent tendency for cream to rise, digestibility is not affected, and when combined with pasteurization. the treated milk keeps a long time un-

in the Madison Square Garden, New York, to determine the respective pulling power of horses, men and eleor 3,250 pounds less than his weight, house, and in it were drawn together "That is because it is not in your men pulled 12,000 pounds.

-can, it is declared, be fitted with the id fingering was adjusted to the less larmer or machinist might have made woman. sbestine patent, and oil of any flash expert left hand, while the easy how- kmething of his muscular inheritance, readily sees the motions and positions lolence of his own character. No matter how smooth and level a gun-barrel, while the right has simply her on drill, the reverend gentleman breakfast things, and swept and dust-

> num has a greater capacity for average than for either intense or feeble braids of soft brown hair, peeped time. Oh, yes, I dare say; work, and that one's powers vary ldly in. greatly with mental conditions. Conincreases to a certain degree with heat-increases to a certain degree with heat-losom; in the other hand she bore a bis sleep? for the mother's fair face ing of the head; light has a stimulating action and darkness depresses; even colors have some influence, while effect; and odor and taste seem to stimulate and then depress to a greater degree. Digestion, aside from the tastestimulation, diminishes muscular work. Most nerve poisons-including opium, hasheesh, valerian, alcohol, tobacco, assumed indifference, coffee and tea-produce a transitory stimulation, and this is followed by depression, which diminishes the total removed the desk and set the little

## A "Thoughtful Thistle."

amusing experience of the sculptor, biscuit, and a cup of steaming tea. F. W. Pomeroy, with a Scotch com- "Oh, I have not any appetite; I do not mittee which came to his studio to in- want it," said the husband, making a spect his model of a statue of Robert very faint demonstration of pushing it Burns, executed for the town of Pals. from him. ley, famous for Paisiey shawls, Paisicy thread, Paisley pinks and Paisley Did not you tell me yourself that Spuff

rich and influential merchant in whose other? Take a little sip of the tea ride. gift lay the site most desirable for the first, dear, and mayb, that will bring good to leave your writing, I am sure, eection of the statue, and the ashrd an appetite." erection of the statue, and the artist naturally was desirous that it should the Reverend Boswell, as he took the might. please him. The poet was represented cup from her hand; and so, just to as a plowman, standing with his please the affectionate little thing, he gap at the back of the composition, and he did it, too, just as if he relish- me. the national embiem of Scotland had ed every mouthful. You would never

been Introduced. work for some time in silence, and sat by, delighted that her idol had then in broad Scots requested the condescended to accept her meat and well?" sculptor to "Tur-rn it roond, mon." Mr. drink offerings. Pomeroy did so, and expressed a hope that he was pleased.

"Tur-ra it roond, mon," said the mer-

chant again. while the critic, quite ignoring Burns, very hard this morning?" stood with his eyes riveted upon the emblematic detail.

"The Scoatch thustle!" he broke out much." at last. "Mon, but ye've put an awfu'

lot o' thocht intae it!" The "thoughtful thistle," as the artist afterward termed it, won the day and the site.

### A Modest Briton.

Like the traditional Englishman, Arthur Stanley, Dean of Westminster, ing you." wore home from his first visit to America an expression of amazement which only time could efface.

He was at once beset by interview rs, says the author of "Out of the Past," who asked the usual questions. "What was the thing which most

impressed you in America?" was one of these. Without a moment's hesitation Dean Stanley replied; "My own ignorance."

WHEN THE CLOCK TICKS LOUD.

There are times when life is something more than meat and drink and sleep; When the surface shows no ripple though the stream is swift and deep; When the good that's in the worst of us has taken us in tow And has fanned love's fading embers till they flash again and glow; When we feel there's something in us has escaped the madding crowd-When it's quiet in the evening and the clock ticks loud.

When the grate fire's crimson afterglow is graying into gloom, When there's none but she and you within that cozy little room, When the cat upon the hearth rug yawns and drifts again to dreams, Then how very like the heaven we have learned to long for seems That delightful little chamber with the magic charm endowed-When it's quiet in the evening and the clock ticks loud.

Not a word to break the stillness, yet there's music in the air -Music born of softest silence, music sweet and low and rare: For the one who sits beside you is your sweetheart, and you know That she loves you, for she wed you many patient years ago; And her love songs, born of silence, make you brave and great and proud, When it's quiet in the evening and the clock ticks loud.

# A Converted Clergyman

Interesting tests were made recently the Madison Source Garden, New

THE Reverend Boswell Holland "Only, of course, that when Katie is sat alone in his study. The room which thereby work to do." which, though small, had been The Great Northern and several The majority of men and women, tonng wife's unselfish devotion, and be done."

-New York Times.

tones of a person suddenly disturbed in tended the baby-

"You can come in." Softly the door was pushed ajar.

"Quite alone, dear?" she asked, small tray with snowy white cloth. Pausing a moment on her way to desounds have a complex and variable posit the child among the cushions of the lounge, she came to her husband's

> "What have you got there, Lucy?" be said in half-reproachful tones, though his eager eyes contradicted his

> "Only a little lunch for you, dear," said the little wife, coaxingly, and she tray before him.

"You silly child! what is it?" Lucy raised the cover and revealed a small An English journal has related the juicy beefsteak, temptingly cooked, a

"Yes, you do, doar: I know best. brains needed food, and that mental

"You are a little goose, Lucy," said have guessed be did not relish it. Oh, The worthy Paisleyan surveyed the he was such a good man! And Lucy go."

brains will feel all the better," she our way home; they are to have the said, laying her soft hand carelessly on choir up there this evening; they said his low brow. "It is too bad for you again tried to elicit an opinion. Mean ly day; but tell me, have you worked

"Well, no, not very," said the selfconvicted idler. "It is too warm to do

"Warm here, dear?" said Mrs. Holland, glancing round the cool, fresh, orderly little room, and contrasting it not write another word to-day. Just with the kitchen, the heated scene of her own labors. "Then it must be be- and you will be all rested and bright

cause you feel weak; do you?"

"But I could not come to-day, you know," said the wife, deprecatingly. 'It's washing day!"

"Well, what if it is? You do not wash, I presume." "No, dear, not exactly; but Katle

"But you are not Katie." "I beg your pardon, but I am on washing and froning days." What do you mean?"

"I do not see what great amount of combined weight. One elephant, weigh-dignified with the name of study, was work there can be to do in such a fam-

tion, to the drawing room lamp. In Fifty men, aggregating about 7,500 all the best that the house afforded-line, Boswell. If it was you would the industrial world it can be utilized pounds in weight, pulled \$.750 pounds, here was the prettiest paper and the soon find out that there is work to be or just as much as the single elephant, best carpet, the only lounge, the easi- done in every well-managed family, bright, stendy light is essential, such But, like the horses, they pulled more ast rocking chair, the gayest table however small; and where there is a as engine headlights and lights on than their own weight. One hundred lover, the best lamp, and the prettiest baby, and only one inexperienced sericuaments, all gathered here by his vant, there is a good deal of work to

"Work, work!" said the parson, fretgaged in testing the capabilities of the not only right-handed, but right-eyed; A tall, stout, well-made, florid young fully. "One would think to hear you iew process, with a view to its adop- that is, the right eye sees better than kan, never intended by nature for any talk of your work, that we lived in a the left. From this flow some curi- elentary life; one whose broad shoul- palace and entertained company every

notor lamp, the carriage lamp, lamps | ness explains why, in the development | better and healthler man of him in | "I am very thankful that we do or domestic purposes, lamps in mines of violin playing, the difficult and rap- be field or workshop; one who as a not," laughed the sweet-tempered little-

"Well, I can't understand it, I'm

of the safety lamp would appear to hin is such that the right eye most ind the vanity and self-induigent in on the lounge by her child. "It is a course her motherly instincts were all would cost him three dollars a week, fine day, and Katle has a very large of the fingers on the strings. In a similar way the right eye compels the more awkward left hand to direct the litention!" In one moment, like a solorder, and then I cleared away the floor may be when it is first laid, it is to pull the trigger. In chopping, the had wheeled into position at the table, ed the parlor and entry; and I put

"Well, he is asleep."

"Yes, he is now; but he was wide awake all the morning, and just as furniture standing unsteady, and that | Charles Fere. His results show that a | ind a sweet young face, fair and fresh | cunning as he could be. I only wish

"Oh, yes, I dare say; but I don't

care to hear about It. Lucy bent down over the sleeping trary to general belief, mental work glancing round the apartment; and child to pat and kiss him, and when does not rest one who is physically then satisfied that he was so, the wife she raised her head there was a tear tired, or vice versa. Capacity for work came in-a girlish figure, though one on the baby's dimpled cheek. Poor ing." arm clasped her sleeping baby to her little thing! Had he been weeping in was as unruffled as before

"Are you coming to read to me.

Lucy ? Lucy hesitated.

"I will if I can-after dinner."

"Oh, I am going out to dine with the Allens." "You are! Why, Mr. Holland, you

did not tell me!" "No, I did not think of it; and I do not suppose it makes much difference to you.

"I thought it would be a good day for you to go over to see that old deaf Mrs. Otis. I hear she tells everybody she does not know her minister by sight."

"Well, she won't acquire that knowl edge to-day, any way. Mary Denny promised to call for me at the Allens and take me for a drive in her pony carriage down to the lower mills at the Pond, and that is much pleasanter."

"Of course it is; and such a lovely One of the committeemen was a labor was more exhausting than any day, too. You will have a charming I am so glad! It will do you Yes: but about that old Mrs. Otis! Can't you go there instead of me? You | quietly into his hands.

"Of course I could. But she is so cross I am haif afraid of her; and behands to the plow. In order to fill a ate and drank all she had provided sides, it is you she wants to see, not

"Let her take the best she can get." said the unconscious egotist; "I can't

"Shall you be home to tea, Bos

"I rather think not. Mary said she "There now; these poor, door, tired would leave me up at the White's on something about your coming, but I

for I knew you would not leave the baby all the evening." "Of course I could not," said the wife, picking up her baby and the tray. You will have a beautiful day: I half envy you the nice ride; but I'm sure he did write. you need it, and if I were you I would lie down on the lounge and take a nap, by dinner time. If any one calls I "I thought you would come up and will say you are engaged (you are, you read for me, Lucy; I have been expect- know, engaged for dinner) and I'll call you in time to dress, and bring you some hot water. Now take my ad-

And this was but a sample of their

daily lives. Mrs. Briant, Lucy's mother, was a widow of some property. After the marriage of all her children she had broken up housekeeping, and had been making " long visit to each of her two Holland," said Mrs. Briant in her most and doesn't recognize yer.

vice," and nodding and smiling, the un-

selfish woman drew down the shades

and left him.

married sons, and now she wrote to mellifluent tones, one day when the say if it was agreeable to Mr. and Mrs. Holland, she would come and

make them a visit of a few weeks. Of course Lucy, who was the youngest child and only daughter, was delighted. She came, all tears and smiles and blushes, to show the welcome let- went on: ter to her husband. Of course he was not quite so much elated at the pros- she goes, is very inefficient. She is pect; it was not to be expected be honest, but she is a miserable cook, should be; and most wives would have and very wasteful. But all such young resented his unsympathizing coldness; but Lucy had such a pretty, winning way, and then she had, all unconsciously, learned the habit of arguing she said, with a rippling laugh, "make with him through his own interests.

and so pleasant, you will find her have to put it out that is very exexcellent company; and then she is pensive. And then there is so much such a splendid housekeeper, and sewing to be done. I did hope we knows everything, and Katle and I are should find time to make up your new. so inexperienced. She is a capital linen before I left, but it is not cut cook, too, and makes things go as far out yet, and Lucy will never get again as I can. And such nice things through a dozen shirts alone. Poor as she can make! I am only afraid girl! the parish and the baby make after she has been here you will think such heavy demands upon her time, I I don't know anything; but I shall think she will have to put your shirts keep my eyes open, and try to learn out to be made." And with a few her way of doing things. I did not pleasant remarks about the parish and think half enough of it while I lived the weather, she smilingly withdrew. at home. And then she has had so much experience with children, she is as good as a doctor; and I am such a little goose if anything alls the baby; but I shall feel as if he is all right if knew the full value of dollars and I can pop him into mother's arms, and I shall not have to rout you up at night to go for the doctor every time he screws his dear little face up into a pucker; and then she is so fond of babics I dare say she will tend him half the time; and think how much more time I shall have to read to you and make parish calls!"

made her appearance. She was a deli- ed, not increased. He knew that the cate, pleasing, lady-like little woman, liberal board which she had insisted with sweet brown eyes and a marvelously sweet voice, that "excellent with them amounted to half as much thing in woman." Never yet came Nemesis in gentler form or more alluring guise; but it was Nemesis all household. He knew that she relieved the same. She was an acute and ob- his wife of much care and labor; and serving woman; there was quiet but that her experience during the baby's keen penetration in those soft brown troubles in the ivory business, upon eyes, but there was no bitterness about

She read her son-in-law's character at once; the soft brown eyes went these loving services were freely givto his selfishness and indolence. Of this must stop. An additional servant on Lucy's side, who, she saw, was to begin with, and how much in waste thought of making her unhappy by bugbears of unknown expense which pointing out her husband's faults to he could not estimate. The parson her; on the contrary, she always prais- drew his conclusion-he was used to ed him wherever she conscientiously that business; "in conclusion" was his could treated him with marked defer- favorite portion of his sermon-so, in ence, and made him more comfortable in a dozen little ways, while she was her mother to become a permanent all the time quietly loosening his wife's member of the family; and Lucy, who bonds and transferring them to him.

"Mr. Holland," she said to him one day, in her sweet, gracious way, "will not express her joy and gratitude. you have the kindness to pick us some

peas for dinner to-day?" "Me? I pick the peas?" asked the

astonished son-in-law. "Oh, no, no;" hastily interposed Lucy, "I will get them; I was just go-

"My dear child, no! The vines are wet with last night's rain; and with your thin dress! I would not have you do it for the world; and I am sure Mr. Holland would not hear of such a

thing." "No. no! certainly not," said the reverend gentleman; "It is not fit for her, of course;" though he remembered uneasily how many times she had done it,

even in the rain. "But cannot Kate get them?" "I do not think she can," said the gentle voice; "she is very busy froning your shirts, and she does them very well, but she is very slow. I could shell the peas if I had them; but it

is no matter; if you do not care about them, we will do without. We have only plain boiled corned beef to-day, and I thought you would like some vegetable besides potatoes with it: but please don't go if you don't want them.

But Mr. Holland was an epicure in a small way, and he did not fancy a dinner of beef and potatoes. So he went, and from that day the picking of toes was without any talk, dropped

And so with many other little outof-door duties which usually devolve upon the master of the house, but which Lucy, in her loving eagerness to spare her husband time and trouble. had indiscreetly taken upon herself; Mrs. Briant laughingly accused her of over officiousness, quietly took them out of her hands and restored them to their rightful owner. And all this was done so sweetly by the amiable lawgiver that neither party could gainsay her, and the mystified minister really felt she was sustaining him in his rightful authority. Indeed, he was Again Mr. Pomeroy compiled, and to sit here, bard at work, all this lovepier and more useful man for the healthy out-of-door employments to which her sagacious administration had subjected him. He dawdled less with his pen, and wrote better when

By the time Mrs. Briant's visit drew near its intended close, the gentic little tactician had her leviathan pretty well in hand; for though quiet in her advances as the incoming tide, she was quite as irresistible. Lucy, cheered by her mother's presence and sflent support, and set free from the household bonds that had so oppressed and enthralled her, was berself once more. She had regained her natural elasticity of step and feeling, and brought out by her mother's judicious management she had taken and worthily filled her proper place in the parish as the minister's wife, and was beloved and re-

spected in the congregation. "I have been thinking, my dear Mr.

soup she had presided over had given him great satisfaction, "that after I leave you, Lucy had better have a sec-

and girl." Mr. Holland looked up in blank surprise, and calmly and sweetly the lady

"Katie, though a good girl as far as girls are; they waste half enough to keep a family. And the washes are very heavy; gentlemen and babies," a great deal of washing, you know, "Mother is so cheerful," she said, and Katie is very slow, and if you

But the good seed had been carefully sown. The parson, though not overwise in general, was sharp and shrewd where money was in question, and cents. He took the matter into consideration, nicely balanced the pros and cons. He knew that Mrs. Briant, in her quiet, lady-like way, had been very efficient in his family; she superintended the cooking, and under her direction were prepared the savory meats that his soul loved. He knew, too, that since her advent among them In due course of time Mrs. Briant his weekly expenses had been lessenupon paying ever since she had been as his salary, while her generous gifts supplied many needs of the little which he had just entered, had already saved him the fatigue and expense of many a visit to the doctor; and all straight through his shallowness down en. On the other hand, if she left, all

in her unselfishness thought dear Bozzy did it all for her sake, could

And now you know the reason the Reverend Boswell Holland resembled St. Peter. Don't you see? He had a "wife's mother" in the house!-Wayerley Magazine.

VALUE OF THE PERSIAN GULF.

View Expressed by Warren Hastings

In the autumn of the year 1814 a young naval lieutenant arrived at Spithead. The frigate Undaunted, of which he was first lieutenant, had just taken Napoleon to Elba, and had arrived at Spithead to be paid off on the general peace. Lieut, Hastings bethought him that he was within a few miles of the most illustrious member of his race and he turned out of his way to call at Daylesford house and pay his respects to Warren Hastings. He was cordially welcomed by the great governor general of India, whom he found, as he described him to the writer of an article in the New York Tribune. "a little old man, with a black velvet cap on his head, sitting by the fire in his library." A good deal of conversation ensued. Warren Hastings in quired with interest where the young lieutenant had served and, after narrating his experience in the Mediterras nean, not forgetting, we may be sure his personal acquaintance with the the peas, beans, cucumbers and toma- Emperor, Lieut. Hastings went on to say that he had also cruised in the Indian ocean, and had been for some time surveying in the Persian gulf.

> At the mention of that sea, Warren Hastings became voluble, "Ah," he said, "that is the most important position in Asla-one of the most important in the world." And then, after a short pause, and raising himself it his chair: "If I were the war minister of the Czar I would not spend time and effort la striving to get to Constantinople by the way of Europe; I should endeavor to occupy Persia and to es tablish myself at the head of the Persian gulf. I should then be in a fine position. I could strike at India with the one hand and at Asia Minor with the other; I should take Constantino ple in the rear." These words were uttered with remarkable animation and clearness, and with a conviction which showed that the famous diplomatist and ruler had mastered the facts and thought out the subject.

No Incentive.

"Hank Henders tells me his son Spink got expelled from college for get ting up in the middle o' the night are paintin' the gates green."

"Ain't that strange? I mind the time Hank wanted him to paint the front stoop an' couldn't hardly git him up in the middle o' the day."-Brook lyn Life.

If a young man attempts to kiss a girl during the courtship she hates him; after marriage she hates him if he neglects it.

A distant relation is one who is rich