

The bill introduced by Congressman | Shafroth providing that on and after January 1, 1903, the weights and measures in the metric system shall measures in the United States is simply another in a long line of attempts to supplant the present awkward system by the easy and simple metric or decimal system. Though the bill has been reported favorably by the committee on weights and measures it has still a hard fight before it. The chances for its adoption are not the brightest. In one sense the United States may

be said to have been even before portion of the metric system. In 1785 whereas the metric system proper was not adopted by France until 1795. The basis of the metric system, the meter, was determined by two French astronomers and mathematicians and is exactly one-forty-millionth part of the circumference of the earth on the meriidian of Paris. The meter is 3.37 inches longer than the American yard. It is the standard of the measures of length and all other measures are based upon it. Thus the metric unit of surface measure is the centare, which is one square meter. The unit of capacity is one liter, which is the cube



(First Defender of the Metric System.) of one-tenth of a meter. The unit of weight is the gram which is the weight of a cubic centimeter of water.

A standard meter was constructed in 1799 by an international commission representing France, Holland, Sweden, Switzerland, Denmark, Spain, Savoy, and the Roman, Cisalpine, and Ligurian republics. It was made of platinum and was deposited in the palace of archives in Paris and was declared to be the definitive basis of the metric system forever.

General Chaffee in Pekin.

They report that the ministers are of-Field Marshal Count von Waldersee tone of General Chaffee's communicaalso that General Chaffee has created dissatisfaction by his refusal to join the other governments in giving increased salaries to officers assigned to duty in the provisional government at at Tientsin.

This is a British view. The correspondent of the Chicago Inter Ocean at Pekin takes a different view. He reports that the provisional government at Tientsin is cumbersome, expensive, and unsatisfactory; that its chief object seems to be to supply sinecures for military officers; that the high salaries paid condemn western government in the eyes of the Chinese, and that the provisional government has made a demand for unlimited power regarding public works, the levying of taxes, contributions, import duties,

To all this General Chaffee, commanding the American troops, objected, He opposed the proposition to give the Tientsin provisional government unlimited control of the territory. He declined to approve the proposition to inaugurate new public works except such as were temporarily necessary, and he instructed Captain Foote, the American representative in the government, not to accept any remuneration beyond his army pay.

Americanizing England. The Britisher is in a plight about the introduction into London of the whizzing, whistling American trolley. The work of the trolley car in the development of American towns and in relieving the congestion of the big cities is one of the marvels of the time. It goes tearing through the country, linking towns and cities and spilling the denizens of the crowded and smoky cities over woodland and prairie. As an evangel of progress it is a ripper. But it does not follow from all this that | erties.

declared obligatory in France on No- | even the mail sent between the United vember 2, 1801, but the French people | States and England, is weighed and were not prepared for so sudden a be the legal standard weights and change, and in 1812 a compromise was ric system. adopted which lasted until 1837. In that year a law was passed making the use of the metric system obligatory and ordering its enforcement after which "a scientific and permanent January, 1840. At present it is universally used by France, as well as by all European nations, except Great Britain, where it is allowed, but not compulsory. Russia was the last of since become a party to this confergreat powers to make the change, having put the metric system into force France in the adoption of at least a only a few weeks ago. On the continent the metric system has been adoptcongress adopted the decimal system ed by Mexico, Brazil, Chile, Peru, of money, with the dollar as the unit, and other of the South and Central American republics

As early as 1817 the subject of adopting the metric system in the United States was agitated. John Quincy Adams was appointed to investigate the weights and measures of the United States and he found that the standards of weight, measure, and capacity differed considerably in the different states and even in the same state. He reported fully on the result of his investigation and did not favor the adoption of the French or metric system because of the popular repugnance to a change and the inconvenience which would follow the adoption of a new system. At the same time he declared his belief that the metric system was almost ideal and reflected the greatest credit on the men and on the age which had devised it.

In 1830 another investigation was made and it again was found that a pound or a yard in one state or city was often more or less than in another. As a result the treasury department was authorized and instructed to have made copies of the standards of weight and measure then in its possession, a set of which copies were to be delived to the governor of each state in the

In 1866 it was made by an act of congress lawful to employ the weights and measures of the metric system throughout the United States and the secretary of the treasury was instructed to furnish the governor of each state a set of standard weights and is based on the units of the metric measures of the metric system for the use of the respective states,

Under the regulations of the international postal convention the metric system was adopted as the standard in all transactions between the nations which are members of the postal union, and accordingly the mail matter transported between the United States

London is going to permit the trolley The Pekin correspondents of the to invade the densely crowded streets London newspapers do not approve of | in the heart of that great metropolis. It General Chaffee and his American is announced that bills for the introthat he posted to prevent looting. trolley pattern on such thoroughfares as the Embankment, Victoria street, assumption of authority in issuing Road, Chelsea, will be strongly opposed conservative government is in power. is not pleased with the independent It is asserted that the development of an electric surface system is possible tions to headquarters. They report in the East Side and in the suburbs, and that the introduction of trelleys on such broad thorougfares as Whitein the London county council.

Sent to Demand Indemnity.

The British sloop-of-war Icarus is on her way to Panama to inquire into the seizure of a British steamer by the Columbian government. The rebels were gaining ground and a city threatened by them had to be relieved. A transport was wanted and the government took the first vessel at hand. This proved to be a Britisher, and John Bull now wants to know the reason



THE ICARUS. why. The Icarus is not a modern vessel, but still she should be equal to bringing the Columbians to time.

The late Marcus Daly invested several hundred thousand dollars in valuable copper property in Mexico during the past year. It is reported that these mines will now be disposed of and that they may be acquired by W. A. Clark of Montana, who already has mining interests in Mexico. Representatives of Mr. Clark are now in Mex-

The use of the metric system was | and fifty other countries, including paid for entirely in terms of the met-

> In 1875 a convention was held by representatives of practically all the civilized nations, except England, at bure " of weights and measures" was establi hed at Paris, the expenses of which are paid by all the powers party to the convention. Great Britain has ence and now pays its share of the expenses of the bureau.

> One duty of the international bureau of weights and measures is to furnish exact and correct copies or duplicates of the standards of weight and measure to the several countries which contribute to its support. These in a standards were supplied to the United States and were received by the president and his cabinet with considerable ceremony on January 2, 1890, and are now deposited in a fireproof room in the coast survey building at Washing-

> In 1893 the secretary of the trensury ordered that thereafter the standard meter and kilogram, deposited in the coast survey building, should be recognized as the fundamental standards from which the customary units of the yard and the pound should be de-



HON. JOHN F. SHAFROTH, (Colorado Congressman, Who Is Au thor of the Present Bill.)

rived. It is therefore true that at present the United States is using a system of weights and measures which system.

The metric system proper is now exmarine hospital service, by the foreign department of the postofiice, by the United States coast and geodetic survey, to some extent in the mint, United States signal service, and United States census department,

Degree of "Doctor of Arts." The proposal of President Thwing of Western Reserve University that a new degree of doctor of arts be estabmethods. They complain of the guard | duction of electric tram service of the | lished does not meet with the approval of the majority of the heads of the more important colleges. The degree fended by General Chaffee's individual Buckingham Palace Road, and King's for men distinguished in technical and industrial pursuits for whom the deorders to prevent looting, and that and will never be enacted while the gree for men distinguished in technical and industrial pursuits for whom the degree of doctor of laws seems inappropriate. The plan is opposed by Presidents Angell of Michigan, Eliot of Harvard, Butler of Colby, Carter o. Williams, Hadley of Yale, Harris of chapel will be favored by both parties Amherst, Jordan of Stanford, Low of Columbia, Northrop of Minnesota, Raymond of Union and Schurman of Cornell. It is approved by Presidents Stryker of Hamilton, Wheeler of California, and Faunce of Brown in a modified way.

> Hard Work for St. Louis Fair. The appropriation made by congress to aid the St. Louis fair of 1993 provided that the money should not become available unless the city of St. Louis should raise \$10,000,000 for the same purpose. The congressional appropriation was \$5,000,000. The city of St. Louis will issue bonds for \$5,000,000 and is making a vigorous effort to

raise \$5,000,000 by private subscription. The supscription list drags. The St. Louis papers are full of energetic appeals for help. From their earnestness it must be that the difficulties are great. It would be unfortunate if the appropriation of congress should fail through the inability of the people of St. Louis to raise the amount of \$10,-000,000, which is a condition on which the national appropriation rests.

Sullivan's Jewish Blood.

The late Sir Arthur Sullivan was said to have Jewish blood in his veins, but this is wrong. His mother was an Italian named Righi, and his father, of course, was pure Irish. His grandparents was an impoverished Kerry squire, who served under Wellington and was a member of the garrison at

Dr. Charles F. H. Wilgohs of Akron, to do se

Forsaking all Others By AMELIA DUGHEMIN

Nearly half an hour passed before the married pair, looking formidable determined and united, presented her chair. As if waiting for the sigthemselves at her door, and in the nal, Phebe entered the room, a terrible interval she had forced herself into old woman in her wrath. a cold calmness that enabled her to ineet them composedly. Almost before Miss Gladys, whether you forbid it or they were scated Harvey, who seemed not," she defiantly announced. "As much excited, opened the subject uppermost in the minds of all,

"So you threaten to shut up the house and go to New York?" he angrily asked.

"It is an Intention, Harvey, not a

"And do you think I will submit to such a course, merely because you have chosen to quarrel with my wife, whose only offense has been her care for us both? You do not know me, madam."

"I am afraid I have never known you, Harvey,'

"Perhaps not; you hadn't applied to my character the test of injustice and the most monstrous selfishness ever shown by mother to son!" he hotly retorted. Helen had made good use of her half hour. "You reared me with the expectation of sharing your property; but for that I should not have married. And now you coolly say that henceforth I must depend upon myself -1, who have been accustomed to every luxury!'

"I think you would have married in any case," said Gladys, in a tone that made his eyes waver for a moment, "It is as well; I do not fear for your future. You certainly have not suffered from my selfishness in the past."

"Don't you think the less you say about your past the better?" he asked, carried beyond all prudence, all kindness, by a burning sense of his wrongs. For a full minute they looked steadily at each other; her womanly intuition enabled her to read the thoughts that owed their existence to It didn't last long. Twenty thousand Helen, and her weakened affection for him seemed to fall dead.

"If I live to be a hundred," she said slowly, her face hard with scorn, "I will never forgive you for that insult, even though I know it orginated with the woman who has so strangely perverted your moral nature. Your wickedness and covetousness deserve punishment, and it has overtaken you in the way you will feel most; for though | her deathbod I promised never to foryou have no legal claim upon my money, I always intended to provide for you when you came of age, and | would try to make use of the boy to should have carried out the intention, in spite of the fact that you married Gladys. He was bad enough for anyagainst my wish, had not your wife's thing, she said. I had a little money happy young man or woman and the character so soon revealed itself. Re- saved, and put you to board with a last two qualities depend on the first cent events have shown me that you woman I knew. I always had it in my lar of mine shall ever pass into your he had a heart trouble and I daresn't what you must do to be happy and atpossession and hers unless you come to actual want.'

A dead silence ensued. Both listeners saw that Mrs. Atherton was in earnest, and had been pushed too far, though righteously pushed; for they clusively used by the United States had so blinded themselves by specious reasoning that even now they would not admit they were wrong. It was Helen who broke the dreary pause.

> "You hated me from the first," she said in a voice uneven with rage, "and have well calculated your revenge. You know I would die for Harvey, and by making me the apparent medium of his downfall, you try to inflict upon me the most harrowing of punishments. But here you fail, Gladys Atherton, for it is you who have been his ruin. You have scorned me, not in words, perhaps, but with meaning looks, for having decoyed him into marriage before your appointed time, I know how you regard my peoplethat, too, your looks have told. And what are you, pray, with all your pride? In the beginning a bold, pampered girl following the first man who though it worth his while to beckon her to shame, for aught she knew or cared, so that her fancy was grati-

"Harvey," cried Gladys, deadly pale, bid this implous woman, be silent. She is speaking of your mother."

"A mother to be proud of, truly!" exclaimed Helen, her eyes imperatively demanding Harvey's slience, though she spoke so fast and loud that he had no opportunity to interrupt her, even had he wished. "The wife of a drunkard and gambler, the widow of a criminal! I despise you, and so shall your son. Be very sure of that. But we'll have our right if we claim them in a court of law. I doubt if you have power to withhold what you call your money. How do we know your story is true? You were not squeamish in the past, when you had a purpose to serve, it appears. Why should you be over particular at this late day?"

Gladys, still pale, but with her former look of scorn intensified, turned to Harvey.

have no claim upon her affection, as on yours, and care nothing for her opinion unless you uphold her in it. Do you?"

"This is not the time for heroic speeches and professions of belief in virtues that never existed," he said sulkily, his eyes on Helen's prompting face. "We must recognize the fact that the person who marries unwisely entails certain consequences upon the children of the marriage for which he or she owes them compensation. Through you I am my grandfather's natural heir, and should not be robbed O., has just celebrated his ninety-sev- of my birthright. If I am covetous enth birthday. He still attends to his in urging a just claim, what then are practice as a physician, and even visits you? In keeping control of your propico investigating certain copper prop. his patients at night when called upon erty you may be right by law, but

less. So far I fully agree with my

With a low cry Gladys fell back in

"I am going to tell them the truth, Mr. Harvey says, this isn't the time pretending, and I guess we can tie the matter out of court." Gladys

up a protesting hand, but she ild not heed. "I'll make short k of it. You're wrong in thinking have any sort of share in the misss' property, Mr. Harvey, because father, Joseph Stirling, your

randsire, didn't own a dollar in it. who died when her baby was born; face, then a rich young heiress, who also died early in life leaving her money to her only child, Gladys, your aunt or half aunt; for you are the son of daughter of the first marriage."

'My God! The mater is not my other?" cried Harvey, after a stupefied pause. He sprang to his feet and gazed wildly from one face to the other, with the look of a man pierced to the heart. "Madam, madam, is this true?" he imploringly asked. Then, meeting Gladys' compassionate yet strangely cold look, with a half sob he threw himself into chair and buried his face in his hands, never tion of the healthiest kind. They felt moving until Phebe had finally ceased speaking.

Helen said nothing; her burning eyes were fixed on the housekeeper; she knew she told the truth, and that from the fair domain which had promised to be her garden of Eden, she was banished forever.

"You know how your mother married. Mr. Stirling swore he would never forgive her; but he was a just man, and sent her the money she would have had when she came of age, dollars isn't much in the hands of a gambler. And when it was gone he

went too." "Miss Gladys was at school when your poor mother begged her way to New York, her baby in her arms, She did not seek her father; she knew his unforgiving spirit, but she sent for me-I was in his service-from the hospital where she lay dying, and by sake her child, and to hide him from her husband, Matthew Harvey, who get money from his young aunt, do it.

"I hadn't a chance to worry long, for in a few months after your motner died he fell dead in the street, without | the beauty of this old world whose fine a moment's warning. Miss Gladys men and women are its most splendid came home for the funeral, and after the first shock was over I told her everything. She had a tender heart, my lamb, and wouldn't rest till she had seen her poor sister's baby."

CHAPTER XI.

Phebe paused, overcome by sad memories. Gladys, unnerved by all that had passed, was crying, but not as from speaking.

"Your mother's sorrows had left were a sad little tot, with mournful eyes and atimorous manner. You ran to my dear young lady, attracted by her sweet voice, and hid your face in her gown, and when we left they had to drag you away; we heard your screams as the carriage drove off, and Miss Gladys sobbed all the way home, After that, the idea of your growing up among strangers, with no one to love you-just considered for the money you brought, mayhap-was terrible to her. We must take you far away to a corner in the west, where from your father. I begged her on my knees not to spoil her life; but she coaxed and argued and cried till she York unhindered, her having no rela-

planations, and took your grandmothgiven'it you for a first name; it was easy to change it round.,

"Rockville was only a village then; people hadn't taken to coming here for their healths, and what are now streets were farms. It was just the place to be lost in, and until Mrs. due to the large resident American Leonard's doctor sent here here last population to be found in Mexican year, nobody but the family lawyer-"You have heard your wife, sir. I what had become of the pretty Miss Stirling. How much she has been to spread of English among the Mexican you, Mr. Harvey, you well know. She was only eighteen when she left New York, a light-hearted girl. Now she's lish language, and the learners of that turned thirty-six, with a great sorrow tongue comprise professional men in on her of your brewing. She'll get over it, for she's young yet. But you've made a strange return to her

for wasted years!" Not a word was spoken by either of the other three. Helen stole over to her husband and timidly laid her hand on his shoulder. All self-confidence was gone from her bearing; she seemed cowed and beaten; and for the first time her loving touch was unheeded. Phebe looked at her frown-

"Ay, comfort him if you can; he'll

tone. "If he comes to ruln he may thank you; but for your avarice and meddling he'd have had a good bit of money-a hundred thousand dollars, no less. He'll never have it now. Perhaps he'll not reproach you just yet for his loss, since he helped you out with the deviltry you called your duty. But he'll know it's to you he owes it-he wasn't full grown when you took him in hand, and easily led and the thought will grow and grow until one day he'll despise you in his heart, and turn from the love that dragged him down."

As if that day had come, Helen moved nearer to her husband, the rich color ebbing even from her lips, Gladys half rose.

"Be merciful, Phebe," she gently remonstrated. "You are too hard. Go now, dear old friend; enough has been said.

Muttering still, Phobe lumbered away, furtively wiving her eyes; under her bristling exterior beat a warm heart, and, despite her anger, she felt for Harvey in his hour of darkness. As the door closed behind her he raised e married twice-first a poor girl his head, revealing a white, wild

"I must speak to my-my aunt alone, Helen," he said hoarsely, "Leave us together.'

(To be Continued.)

MORE PLAY NEEDED. Increasing Number of Poorly Developed

Men and Women.

It used to be that boys and men who worked had shorter working hours and less work to do in the same time than do the men and boys of today. Consequently they had better opportunities and greater inclination for recreaable to rise in the morning early enough for gymnastics, their work the day before not being so irksome as to make them feel they needed every moment of sleep possible, as is often the case nowadays, and in the late afternoons and evenings they could could enjoy an athletic game. The girls some years ago exerted much less than they do now, their course of study usually being mild in comparison to the average of today, and few of them were in business or the professions. Therefore their need was less for strengthening exercises. Although the mental and physical work that the men and women of this generation do has greatly increased they do not seem to have realized that a counteracting force is absolutely necessary for the number is growing larger every day. We cannot help observing it on the streets and everywhere-of men and women who slouch along with drooping figure and dragging steps, the picture of undeveloped physical manhood and womanhood. There is nothing more pleasant to look upon than a strong, graciful, and all three on physical exercise and mind to tell the master some day; but development. Therefore, you know tractive, and it is your duty to be all three. You can, of course, in varying degree and you ought to add much to

GAME KILLING.

Denver Times Sees Danger in Allowing

Indians Latitude. There is a curious disposition among the people to make sport of Gov. Thomas' crusade against the Indians who are said to be killing game outside their reservation and within the the wholly desolate weep; she no boundaries of this state. That it has longer strove to prevent her old friend a comic side is probably not to be denied. But it may also have a very serious side. The border country has their mark on you, Mr. Harvey; you not had any Indian experiences of late, and the American people show an astonishing facility in forgetting unpleasant things. Those who know anything about the Indian know that the kind of movement now begun may very easily incite him to acts which will have a very serious significance to outlying settlers and possibly small villages. The Indians know as well as Gov. Thomas does that the federal power is not behind this movement. They rarely forego a chance for immediate revenge because of the posnone would know us, and you'd be saie | sibility of a remote reprisal. That the state can prevail in the end nobody doubts, perhaps, but aside from the harvest of trouble and loss of life we got the better of me, and we left New may have to reap, citizens are also looking to the harvest of debt that must follow, though we are now at our "She put on widow's mourning, to wits' end to devise means for paying make her look older and prevent ex- what we already owe. Some of them are inclined to suspect the governor of er's family name. Your mother had a kind of "after us, the deluge" policy. -Denver Times.

> American Books in Mexico. Mexico buys more American books

than does France, and nearly as many as Germany. Much of this trade is cities and to the demand from mining Mrs. Leonard is his daughter-knew camps, where Americans are living. and not a little is due to the growing people. There is a strong tendency here in favor of popularizing the Engmiddle life as well as thousands of youth. Some large institutions of learning have put English ahead of French.—Mexican Herald.

> Quarantine Against Tuberculosis. Tuberculosis has been placed among

the diseases which are subject to quarantine. The commissioner of immigration has so decided in the case of a Japanese who arrived at San Francisco from Japan ill with this lung trouble. It was decided that the patlent could not land, but must retura you are acting dishonestly none the have need of it," she said in a hard to the port from which he sailed,