FARMERS' BANK PLAN OFFERED

Long-Time Loans On Farm Lands Is Specialty.

Senator Fletcher Introduces Bill-System Includes Local, State and National Banks.

Washington, D. C.-A national rural banking system is proposed in a bill by Senator Fletcher, chairman of the American Commission on Rural Credits and also of the Federal Comby the President.

The bill proposes a system of local national rural banks owned and oper- tree, discovered by Hopkins. ated by farmers, a state rural national bank in each state, to be owned and holders, and the National Rural Bank vates a gallery in the inner living Washington, to be owned entirely by the state rural banks.

To supervise the proposed chain of banks there would be created in the rural banking under the direction of a after passing through a dormant, or arrived at after numerous private con-"rural banking board," to consist of pupal stage, becomes a beetle. This sultations between the delegates. the secretaries of the treasury, agriculture and labor. The division would in July, and emerging into the world be under the immediate direction of a seeks a fresh tree and starts a new "director of rural banking, to be ap- generation. pointed by the President."

The main purpose of the banks on long term farm bonds or notes, secured by liens on farms at not exceeding 60 per cent of their assessed vallocal bank, then by a state bank, and last by the National Rural Bank of the United States, and they would run from 20 to 50 years. The National Rural Bank is designed to have a capital and surplus exceeding \$100,000,-000, while the stock of each local bank would be limited to \$2,000,000.

Senator Fletcher, speaking in the senate to urge immediate consideration of the measure by the banking committee and its passage at the special session of congress, expressed approval of the administration currency bill as a commercial banking bill, but said it would not meet the needs of the agricultural communities because of the necessity for long-term loans.

ROADS PREPARING BIG TASK

Physical Valuation to Take Ten Years and Cost Millions.

Chicago-Railroads of the entire country are now busy preparing to take an inventory of the physical value of their properties. The task is one of the most stupendous ever undertaken by any industry in the world. The work will be carried on in conjunction with the Interstate Commerce commission, whose board of engineers will co-operate with a corps of experts to be selected for the work by the railroads. The cost to the government of

TO ERADICATE BARK BEETLE BALKAN PEACE Forestry Department Believed to

Have Pest Under Control. Washington, D. C .- By a prompt campaign against a flourishing colony of bark beetles on the Ochoco National forest in Central Oregon, the government is eliminating a danger which

threatened to destroy millions of feet of timber. Some authorities assert that the

amount of timber killed each year by insects is equalled only by the annual loss from forest fires. Among the most destructive of these insect enemies are the bark beetles, one of which, the mountain pine beetle, is responsible for most of the damage on the Ochoco forest. This deadly little

beetle is less than a quarter of an inch in length, but bears the ponderous scimission on Rural Credits, appointed entific name of Dendroctonus monticolae Hopk., which, being interpreted, signifies killer of the mountain pine

> Its methods of operation are interesting. The mature beetle bores pupal stage, becomes a beetle. This sultations between the delegates. beetle then drills out through the bark

With this "chain-letter" method it soon infests a large area. The gal- the demobilization of the various of cars valued at less than \$1000. The would be to furnish funds to farmers leries or channels of the larvae girdle armies will be signed soon. The news the tree and kill it, and the beetle's that peace had been arranged caused tors Bristow, Crawford, Cummins, applied. presence is usually discovered, as it great rejoicing here. was in the Ochoco forest, by a patch Loans would be secured first by a of red-brown dead pine trees in the midst of the mountainside of green. In fighting this forest scourge, the method recommended by the bureau of entomology is followed. The simple removal of the bark of infested trees between October and July, while the larvae are still in the tree, is sufficient to kill them. The lumber may then be sold while it is yet sound.

On the Ochoco forest, however, there was no market, and the forest officers found that the cheaper and more effective method of control was to cut the trees and burn them before the new broods of beetles could emerge.

In 1912 the infestation received a decided check by the cutting of 3500 trees. This summer the attack on the insects was resumed with renewed vigor, and 42 laborers, in charge of a forest officer, cut more than 40,000 trees. As a result of these vigorous measures, the government apparently has the beetles under control.

BRYAN WRITES TO TRIPLETS

Secretary's Namesakes Get Letter Thirteenth Birthday.

St. Louis-A letter of birthday congratulations from Secretary of State Steering Gear of Imperator Breaks Bryan was received here by William, Jennings and Bryan Taylor, the 13year-old triplets who were named in honor of Mr. Bryan. The letter says: giant Imperator, which docked here "Masters William, Jennings and Thursday, broke Wednesday shortly ticularly the object of their care and All the above methods." Bryan Taylor - My I believe I have a photograph. Ac- she could be stopped. cept congratulations. I wish you a delightful anniversary and many hap-Carlton restaurant, but most of the py returns. I am sure you are turdy 803 first cabin passengers were in bed and patriotic American boys and that when the steering gear suddenly snapyou will continue in school until you ped. have secured the best education the generation affords. May you be a stopped, that a glycerine pipe connectcomfort to your parents and a source ed with the gear had broken suddenly. of pride to the one whom you have That threw the gear out and made it honored by taking his name.'

TREATY SIGNED

Bulgarians Forced to Wall By

Former Allies.

Threat to Occupy Sofia Terminates Dispute-Effort Will Be Made for Re-division.

Bucharest-Peace has been conclud- less than \$1500; 45 per cent on cars ed between the Balkan states, and the valued at \$1500 and over, and 30 per agronomist of the Oregon Agricul- ly confined in smaller brooders. preliminary treaty will be signed cent on automobile parts. Senators within a few days by the delegates of Cummins and Smoot both insisted that Servia, Greece, Montenegro, Roumania the rates on completed cars would be and Bulgaria. The agreement was ar- useless, because all foreign cars would plained somewhat as follows : rived at only after an exhibition of the be brought in at the 30 per cent rate, utter helplessness of Bulgaria to face in parts. her ring of enemies.

The discussions in the peace conference at one time threatened to become controlled by the local banks as stock- through the bark of the tree and exca- interminable, but M. Majoresco, the bar iron was more costly of production wood in which it lays its eggs. When threatening that unless Bulgaria achatched, each young larva, or beetle cepted the modified frontier proposed grub, channels into this growing por- by the allies, Roumania's army would predicting success for the bill and tion of the trunk, feeding on the inner occupy Sofia. This threat had the de-Treasury department a division of bark. When full grown, the larva, sired effect and an agreement was

The new frontier is a deep disappointment to the Bulgarians, who still finished cars-45 per cent on chassis nurse hopes for the eventual revision by the powers.

It is believed that an agreement for

Third War Now Predicted.

London-The second Balkan peace congress having concluded peace on a basis of compromise which is unsatisfactory to all the states concerned except possibly Roumania, the question is being asked how soon a third Balkan war will break out.

Bulgaria has obtained under the agreement reached in Bucharest a considerable portion of Northern Macedonia - much more than the allies were at first inclined to give her-and also about 60 miles of the Aegean seaboard, which will enable her to build the projected railway from Philipopolis to Aegean.

Bulgaria, however, deeply resents being deprived of Kavala, a port on Kavala Bay, which goes to Greece. Also she is confronted with the task expelling the Turks from Adrianof ople, it being clear that the powers will do nothing in this direction. Bulgaria will seek to introduce in the peace protocol to be signed at Bucharest a reservation practically appealing to the European powers for a subsequent revision of the peace treaty.

GIANT LINER OUTS CIRCLES

In Midocean.

RUSH WORK ON TARIFF BILL

Spend Much Time on Rates for Automobiles and Parts.

Washington, D. C .- Senate Democrats succeeded Thursday for the first time in speeding up on the 'tariff bill, making considerable progress in the metal schedule despite protests of Kill Canada Thistle With Senators Oliver, Smith of Michigan,

Cummins and Smoot against many of the rates. Chief opposition centered in the rates on automobiles, which the committee fixed at 15 per cent on cars valued at \$1000 or less; 30 per cent on cars valued at more than \$1000 and

iron products. His argument was that in hay, manure, and grain.

ware, discussed the tariff generally, assailing protection and socialism as "twin evils and ill-omened birds." Senator Brandegee sought to amend

rates on chassis equal to the rates on thickly. than \$1500 and 15 per cent on chassis amendment was lost, 46 to 21. Sena-

Gronna, Sherman and Sterling, of the minority, voted with the Democrats against it. The committee rates were then approved.

The 25 per cent rate on bicycles and proved were nut locks, 25 per cent; chains of iron and steel, 20 per cent; sprocket chains, 25 per cent; welded sword blades and side arms, 30 per cent.

An amendment by Senator Gallinger to substitute the Payne-Aldrich rates for the proposed rates on table fields, the land should be plowed after knives and such cutlery was voted the crop has been removed and then down, 45 to 17. The committee rates cultivated with a spring tooth harrow, of 25 per cent and 30 per cent prevail- which will turn out the roots and ed.

WOMEN "COPS" SWORN IN

Chief Tells Female Aides Not to Use Too Much Force.

Chicago-Eight of Chicago's ten new police women were sworn in Wednesday. The others failed to appear and sent no word to Chief McWeeny. The finest of Chicago's "finest" were instructed in their new duties by the chief and his first deputy. Mrs. Gert-



Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions

Thorough Cultivation will result in keeping the Canada this- brooder house an almost indispensable tle from growing above ground, can adjunct. It makes it possible to take its eradication from infested fields be effected, is the substance of the reply to inquiries from various parts of the plenty of room for exercise in stormy state made by Professor Scudder, weather when they would be too closetural college. The methods by which this is to be accomplished are ex-

to seed, as the form is so light that Efforts of Senator Oliver also were they are carried considerable distance unavailing to increase the rates on by the wind, in irrigation ditches or

When occuring in small areas it Roumanian premier and president of than conversion of steel from pig iron. should be cut while in bloom, close to of the United States, to be located in bark and in the outer surface of the the conference, clinched matters by Before consideration of the schedule the ground and completely covered began Senator Saulsbury, of Dela- with tar, building paper, or a heavy coating of straw or manure. The covering is to be left on the spot until the ground is to be plowed, after which it may be seeded to a row crop such as corn, checked-rowed, or a smother the automobile rates by making the crop of buckwheat or rape, sown

If but few scattered individual or high-priced cars and 30 per cent on plants are found, these should be cut chassis cars valued at \$1000 or less off just below the surface of the ground when they are in bloom and a handful of stock salt thrown on the roots, or a small amount of gasoline

If the thistle grows in a number of small clumps, scattered through the field, they may best be treated either by smothering or by the use of sodium arsenate spray made by dissolving one motorcycles also was agreed to. Ax- and one-half pounds of this salt in les at 10 per cent, blacksmith tools fifty-two gallons of water. If apand bolts at 10 per cent, and nuts and plied by a small hand sprayer, so that washers at 5 per cent encountered no the thistles are thoroughly covered effective opposition. Other rates ap- just before they bloom, the solution will kill back the tops to the ground. They should be sprayed as often as they reappear. The method is effecsteel tubes, pipes, etc., 20 per cent; tive but as this spray is very poisonous care should be taken not to inhale it or permit stock to pasture on the sprayed plants.

When scattered generally over large bring them to the surface. The following spring the ground should be plowed every four weeks and if thistles appear, thoroughly cultivate with a spring tooth harrow up to July, when it may be seeded to a smother crop of buckwheat or rape, thickly sown. This crop is followed with fall plowing and cultivation. In the next spring put the ground into cultivated row crop such as corn, potatoes, etc. If the thistles were older and have obtained a good hold, the best method is a thoroughly cultivated, bare fallow. rude Howe Britton, of the Juvenile In this case the first plowing should Protective association, also addressed be shallow and increased in depth with New York-The steering gear of the the police women. She said that Chi- succeeding plowings that the roots

Raising Chicks by Hundreds.

The farm poultry keeper who raises Only by such cultural methods as 500 or more chicks a year finds a care of the chicks with the least labor. gives them an abundance of air and

The brooder house in use in Missouri poultry experiment station and recommended by Director Quisenberry Plants should not be allowed to go to anyone who raises large numbers of chickens hatched by incubators is 40 feet long by 14 feet wide on a concrete foundation with rat-proof wood floor, says Farm and Home.

A matched board partition through the center provides two apartments, each having its own heater in center of room. If the heater gets too warm for the chicks nearest to it they move back to a comfortable temperature, which they cannot do if kept in a small room. Each apartment will house 2000 chickens and should not be used for less than 500 as their own heat helps to regulate the temperature of the room, and the cost of the building and running heating plant is too large for a small number.

The baby chicks are placed in one apartment and their yard is fenced with 12-inch wire netting so that they cannot get far from their foster When they become large mother. enough to hustle around a little they are placed in the other apartment and allowed to roam at will, but their water supply and dry mash hopper are placed near the entrance so that they do not get very far away. There is plenty of shade in the immediate vicinity so that they do not have to stay in the house to get out of the sun.

The building completed with a good coat of paint cost \$225 and the selfregulating oil heaters about \$20 each. All window openings are covered with fine wire netting to keep out birds and rodents.

Traing Grape Vines.

The grape vine is one of the most accomodating plants that grows. You can train it anywhere, and in any shape you want. If there is a vacancy in the row you can fill up gaps by layering young canes that have grown from the root of the vine. Or tie a young cane up to the wire to take the place of the vine, and bend the old one down into a trench 6 inches deep and carry it along as far as it will go. Anchor the vine with sods or earth with stones on top, and add more from time to time if needed, and thus cover the wires with a continuous row of vines. If the original vine is in a pocket of rich earth, or

his gigantic job, which involves estimating the value of 245,-000 miles of railroad and its equipment, will be between \$10,000,000 and \$15,000,000, and it will take at least ten years to complete. The cost to the railroads wil be equally heavy.

To carry on the work the Interstate Commerce commission will require a large additional clerical force in various parts of the country working under division chiefs. The railroads themselves will employ only their own men for the work. Valuation departments are being organized by every railroad.

Sampan Found in South.

San Diego, Cal.-Captain Jack Martin, of the steamer Henry T. Scott, which arrived here Monday night, from Everett, reports that while several miles off Point Arena he sighted a Japanese sampan filled with Japanese coolies. The suspicious movements of closer to her, but failed, as the sampan outmaneuvered him.

sampan was headed toward shore and going fast.

Navy Yards May Do Work.

Washington, D. C. - Secretary of the Navy Daniels is considering a plan to have the six new torpedo boat destroyers, bids for which were received at the Navy department from private shipbuilding concerns, constructed at government yards. All bids opened were said to be unsatisfactory, on account of their complicated estimates. It is reported Secretary Daniels will cluding Mare Island. No more than one yard.

Thousands Lost In India.

Calcutta-Thousands of lives are believed to have been lost when the emflooding the country for many miles. Many villages were swept away and intentions of Washington. thousands of families are homeless and without food. There is six feet of water in Burdwan and railroad service is stopped.

Balkan Peace Pact Signed.

Bucharest, Roumania - The peace ing. In honor of the occasion the city every possible influence will be was decorated with flags, guns were fired, bells were rung and the bands ment reverse its decision not to take played.

BIG OIL PLANT IS DESTROYED

Tank and Barrels Explode in Spectacular Philadelphia Fire.

Philadelphia-Three large manufacturing plants were threatened with de- 794 in the third. In the steerage struction, several firemen were burned or overcome by smoke and many famthe craft aroused the attention of the ilies had to flee from their homes captain, and he attempted to get when the plant of the United Petroleum company, which occupied an entire block in the southern section of the At the time she was sighted the city, practically was destroyed in a spectacular fire. The loss is estimated at \$125,000.

The fire started in the storage house, where there were many thousand barrels of oil. These exploded and by the time the firemen responded the big plant was blazing in 20 places. The flames communicated to a 110,000burning oil in all directions.

Huerta Gains Prestige.

Mexico City - President Huerta's prestige among Mexicans in the capiask bids from all the navy yards, in- tal undoubtedly has been strengthened by what is regarded as his defiance of two destroyers will be built in any the United States. Even those who have been lukewarm in their sppuort inadequate compensation for increased of the administration profess admiration for the siolder-president who cel post system has culminated in a dared to talk back to Washington, al- notice to the Postoffice department though not all of them agree as to the from the Toledo, St. Louis & Western bankments of the Damado river near Burdwan collapsed Sunday night, them consider that he acted precipitately in view of the officially defined 632.05

Germans Want Showing.

Berlin - Prominent Germans have started a campaign in an endeavor to induce the government to participate in the Panama-Pacific exposition at San Francisco in 1915. Appeals were treaty between the Balkan states was made direct to Emperor William and signed at 10:30 o'clock Sunday morn- Chancellor Von Bethmann-Holweg and

part in the exposition.

Dear Young before midnight and the great ship, Friends: I am glad to hear from you, utterly helpless, made circles half a I think I saw you in St. Louis in 1904. mile in diameter several times before

It was found, after the vessel was ly. unmanageable. The same thing had happened once before.

The Imperator carried more cabin let your commanding officers do most passengers than ever crossed the At- of the taking." lantic before in any vessel. Counting her crew she had more than 4500 persons aboard. Of these 803 were in the first cabin, 579 in the second, and were 1522 more.

Abstinence on Increase.

Philadelphia-That total abstinence from intoxicating liquor is on the increase in the United States navy was declared by the Rev. Eugene McDonald, in an address at the 43d annual convention of the Catholic Total Abstinence Union. "We have," he said, "by actual

ers and 85 per cent temperate men. The old days are passing and men do not return to the ship drunk. There gallon tank, which exploded, sending are men in the navy who go ashore, take a glass of beer and go their way. They will take a pledge against whis

ky but want their beer as a safety valve."

Road May Refuse Mail.

Washington, D. C. - Complaints from many railroads against alleged weight of mail matter under the parcompany that at the end of 60 days it will discontinue the transportation of mail. This company's contract will not expire for two years, and the de- unpleasant dreams. partment has informed the management that discontinuance will not be

Bogus \$5 Pieces Appear.

permitted.

San Francisco-Bogus \$5 gold pieces which agents of the secret service describe as dangerous counterfeits, have appeared here. Manufacturers of the coins are satisfied with a profit of brought to bear to have the governabout \$1.50 on each one, as the spurious pieces have been found to be contain about \$3.50 worth of gold.

watchfulness. Chief McWeeny delivered a long list

of "don'ts" to be observed by the new minions of the law. Some of them of them are of any value. were:

"Don't stretch the truth. "Don't be too stern; have compas-

sion "Present all cases fairly and square-

"Don't be nosey.

"Don't complain about long hours. "Don't use too much force in making arrests.

"Don't talk more than necessary;

Plea for Old Frigate Made.

French frigates La Insurgente in 1799 and La Vengeance in 1800, which established the United States as a marination's establishment.

oldest in the navy. The Constellation Baltimore for public exhibition.

Lightning Doesn't Awaken.

La Crosse, Wis.-George R. Barber, well-to-do Mindoro business man, is a

sound sleeper. Last Wednesday night there was a terriffic storm at Mindoro. 15 miles above here, and a bolt of rushed to his room, expecting to find him dead, but found him sleeping

When awakened he complained of

New York-Seven thousand women employed in East Side knitting mills struck Thursday, demanding shorter hours, higher pay and more sanitary

working conditions. It is estimated that more women are involved in the strike than in any other labor disturbances in New York since the great shirtwaist strike of 1909. Several with the women workers.

All the above methods have been cessful scores of times, but unless

Dust Box Keeps Lice

vallis-A box of fine dust placed where ered in trenches along the arbor or the hens may have access to it during across under a walk or driveway. the fall and winter months will enable them to keep down the louse pest. Professor Lunn, of the poultry department in the college, explains why not do as well on its own root, into a this is so, as follows:

"Don't let the lice rob the egg basket. Summer is rapidly passing. It Washington, D. C .- The old frigate is time to begin planning for winter Constellation, built in Baltimore in eggs. One of the foundation stones 1797 when President Washington laid of good egg production is the health. the foundations of the American navy, vigor and contentment of the hen. If and under Captain Thomas Truxton she isn't contented, the egg basket the victor of decisive fights with the will show it. She can't be happy or contented if overrun with lice. A few when overrun with them that serious time power, came into the records of results are noticeable. Now, it isn't written on this important subject. The in a large flock, and it isn't necessary. ditions. An appropriation of \$50,000 was If given an opportunity the hen will asked by Representative Linthicum, look after the lice question herself. if you have many flies) of formaldeenumeration 12 per cent total abstain- of Maryland, for the "repair and fit- All that is necessary on the farmer's ting out" of the historic old ship, the part is to provide a good dust bath and three drops in a saucer of water. she will do the rest. The chicken is now at Newport. The resolution louse being one of the lower forms of ant-catch the fly and hold him by the would provide for her transfer to animal life, breathes through small left hind leg with his head immersed

breathing, which results in death. "I said it was time to begin plan- Exchange.

ning for winter eggs. It is also time to lay in a supply of fine dust. Sack it up or fill a barrel or box and store in a good dry place for fall and winter woman and make it sound like "I'm a use. A supply can be kept in the liar." chicken house in a box of about 18x24x6 inches for the chickens' use. It would need replenishing only every

We All Feel That Way.

To the unthinking, senseless knocker, who is nothing more than a monumental nuisance that planks his bag of bones upon everything for the com- tory. It hangs below a picture of the mon good that comes up. May the bubonic plague grasp him.-Petaluma Americans.- Magazine of American Courier.

Happiness.

My creed is this: Happiness is the thousand men went out in sympathy The way to be happy is to help make "Are you sure she understood what others so.-Robert G. Ingersoll.

near a ditch or stream where the roots thoroughly tried out and proved suc- can get a good supply of moisture, the new growth could be lavered year they are thoroughly carried out, none after year for a mile, according to a writer in Farm and Home.

There is no need of vacancies in a row because of lack of soil to support a vine in a particular place. If a vine From Robbing Egg Basket has grown wild for years in a yard or Oregon Agricultural College, Cor- by an arbor, the old vine can be lay-Stake up young canes where wanted. or where there is room for a vine, and get fruit from them.

I set a bud of the Ulster, which does seedling of Concord, and it grew to the height of 6 feet, with seven laterals from 18 inches to two feet long the first year. I layered it in the fall and staked five laterals up, which bore fruit the next year.

Sure-Death Fly Poison.

I read somewhere recently that formaldehyde and water constitute a good lice won't trouble her. It is only fly poison, and hasten to add my testimony to the many volumes already congress again as a living part of the practicable to dust the individual hens scheme will work, under proper con-

> Purchase 5 cents' worth (or more, hyde at any drug store, and put two or

Then-and this is extremely importspiracles, or holes in its body. The in the mixture for three-quarters of dust coming in contact with these an hour. When removed he will be holes, clogs them up, preventing quite dead. Repeat the operation until all the flies have disappeared .--

Since Eve's Time.

A woman can say "dear" to another

Outpouring.

The garret seemed suddenly empty. as I closed and sealed a letter to you.

John James Audubon's Gun.

The gun used by John James Audobon, the naturalist, may be seen in the New York Museum of Natural Hisscientist, who is great among great History.

Doubt.

Barker - "Congratulate me, old only good. The place to be happy is man! My best girl has just accepted here. The time to be happy is now. me over the telephone!" Candidusyou were saying ?"-Judge.

week or two.

and uninjured. Seven Thousand Women Strike.

lightning struck the room in which Barber was sleeping, tearing the plaster from the walls and splintering the bed on which he lay. The landlady