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The spring rush for Ford Touring Cars has started.

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**Ford Motor Company**  
 Detroit, Michigan

If you do not wish to pay cash for your car, you can arrange for a small payment down and easy terms on the balance. Or you can buy on the Ford Weekly Purchase Plan.

See Valley Motor Co., Salem, Oregon

**Ford**  
 CARS · TRUCKS · TRACTORS

## 235 TRAINLOADS OLDS CARS SOLD

Each Train Load Carried Approximately Fifty Automobiles

In the year, ended December 31, 1923, the Olds Motor Works sold approximately 35,000 motor vehicles. This total aggregates about \$38,000,000 in retail value.

While a large number of cars were driven overland from the factory and many were shipped by boat, 7792 freight cars were required to move the finished product from the factory to points of destination.

Add together the number of carloads of raw materials and semi-finished products brought to the plant, and the carloads of finished products shipped, gives a total of 11,771 freight cars, equivalent to more than 235 trainloads of 50 cars each.

The freight bills which the Olds Motor Works paid the railroads during 1923 for incoming materials alone amounted to approximately \$428,000.00.

## 100 Vital Problems Face Chemists at April Meeting

WASHINGTON, Mar. 29.—Helium as an aid to aviation, the progress of chemistry in this country since colonial days, the development of the rubber industry, nation-wide educational reform, and agriculture and the food supply will be stressed at the spring meeting of the American Chemical Society, which will be held here April 21 to 26.

Hundreds of papers dealing with chemistry, said to be how in its most fruitful era, will be read by scientists representing practically all the leading colleges, technical schools and universities, industrial enterprises and the state and federal governments.

The papers and addresses, it is declared by leaders of the society, will evidence amazing expansion of chemistry since pre-war days, great inroads having been made upon supremacy formerly held by Germany in this field. Problems involving the maintenance of human life, of the petroleum industry, of enriching American farms, and of enhancing the nation's economic prosperity will be discussed at scores of sessions, to be attended by more than 1000 delegates. The events will conclude with a spectacular field demonstration of material and equipment by the Chemical Warfare Service at Edgewood Arsenal.

A list of 100 vital research problems, all of which press for answers, is made public by the society as illustrating the need of organized investigation in industry. Nine of the problems relate to rubber, five to corrosion, ten to electrochemistry, 45 to physical chemistry, seven to inorganic chemistry, six to organic chemistry, seven to cellulose and nitrocellulose, four to paints and varnishes, and one to paper. The list was obtained from industrial and educational sources, the identity of which is not disclosed.

## Why One American Girl Married a Poor German

(By Mail)

BERLIN, March 11.—German newspapers are modernizing at a rapid rate, and printing much matter of interest especially to women. They abound in advice to the lover, and are turning more and more to beauty hints and etiquette. And the timeworn question of whether a man should give his seat to a woman in the street car is seldom permitted to slumber for many days.

German feminists apparently do not relish standing in street cars just because they have the ballot.

## SPICE WEBB, MAKER OF U. S. BOXING CHAMPIONS, AGAIN IS OLYMPIC COACH



Webb, boxing instructor at the Naval Academy at Annapolis, has been chosen to coach the American boxers for the Olympic Games in France. He was coach of the last team which won top honors at Antwerp in 1920 and during the World War he was boxing instructor of the entire A. E. F. He also taught the American boxers who won the Inter-Allied title at Pershing Stadium in 1919. In fact Webb has coached seven out of seven teams which defeated the best men Europe could produce.

and they don't want men to be impolite to them because they are emancipated. Ruth Goetz, writing in the Vossische Zeitung, says many really polite men are doubtless so bashful that they fail to surrender their seats to women for fear other men will mock them. She urges men not to abandon politeness, as she insists it is a man's strongest weapon in his battle for love. "I know a beautiful American heiress who married a poor German whom she had known only a few weeks," the writer relates. "I asked this girl why she married the German. She said she saw him giving alms to an old woman, and observed that he did it graciously. He escorted the woman to the door as if she were a lady, thus proving that he had character."

## WINTER RACING KILLS EIGHTEEN HORSES

(By Mail)

LONDON, March 12.—There has been an unprecedented number of fatalities recently in horse racing over hurdles and in steeplechasing, due very largely to the slippery ground after overnight frosts.

During a recent period of 18 days, 11 horses were killed while participating in races at various meetings, one being the steeplechaser "Southampton," worth \$10,000. There were two cases in which horses slipped and broke their necks, one had a broken back and the others were so badly injured they had to be shot. Curiously the jockeys in each case were not injured at all.

## PREMIER MACDONALD READY TO STEP DOWN WHEN BRITISH DESIRE

(By Mail)

LONDON, March 12.—England probably never had a prime minister who appealed so universally to the instincts of humanity or who so nearly met the popular conception of "a man of the people" as Ramsay MacDonald. Reared in humblest circumstances, the man who now directs the destinies of a great empire, has insisted, even in his present exalted position, on following rigidly the simple life and excluding all social or official ostentation.

American correspondents who at home-spun sack suit, the trousers

## SIX NEW MANAGERS TO PILOT MAJOR LEAGUE TEAMS IN FIGHT FOR PENNANTS AND WORLD'S SERIES GLORY



Lee Fohl (No. 1), formerly manager of the St. Louis Browns, is now steering the Boston Red Sox. Frank Chance (No. 2) whom he succeeded, is with the Chicago White Sox. Stanley Harris (No. 3) will continue to play second base for the Washington Senators although he has assumed the managerial duties. Dave Bancroft (No. 4), formerly captain of the Giants, is now managing the Boston Braves. Jack Hendricks (No. 5) became leader of the Cincinnati Reds following the recent death of Pat Moran and George Sisler (No. 6) succeeds Fohl as pilot of the Browns.

My idea of a man who served his country well, is one who leaves office poorer than when he entered it.

"It is a great mistake to make public service an avenue for an extravagant mode of life.

"Whenever the spirit of the British people indicates I am no longer wanted as prime minister, I am quite ready to go back to my porridge, potatoes, and plainness as simple citizen."

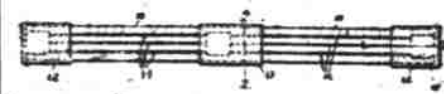
"I would be perfectly happy to resume my former life, on an income of 400 or 500 pounds a year.

# INTERESTING FARM PATENTS

RECENTLY GRANTED BY U. S. PATENT OFFICE

Compiled by CLARENCE A. O'BRIEN, Registered Patent Attorney, Washington, D. C.

1,484,169. POULTRY PERCH AND LICE TRAP. James F. Breckenridge, Englewood, N. J., assignor of one-half to Frank E. Brett, New York, N. Y.



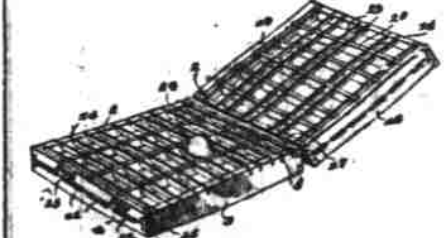
3. For trapping poultry lice, a perch of a plurality of parts each of which has grooves therein, a trap-member which holds said parts together with ends thereof abutting each other, portions of said parts serving with portions of said trap-member to form a recess to which said grooves lead, and a trap-member carried by the free ends of each said part each of which ends has portions which serve with portions of its related trap-member to form a recess to which said grooves lead.

1,485,179. WHEEL BARROW. Jacob L. Funk, Vallejo, Calif.



1. A wheel barrow having longitudinal side bars and legs depending therefrom, generally diagonal braces connecting the legs to the side bars, handles arranged beneath the rear ends of the side bars and pivotally connected therewith to swing vertically longitudinally of the side bars, and means to clamp the forward ends of the handles to the diagonal braces at selected adjusted positions.

1,484,581. EGG CRATE. James R. Stothart and Leon Bernstein, Coughatta, La.



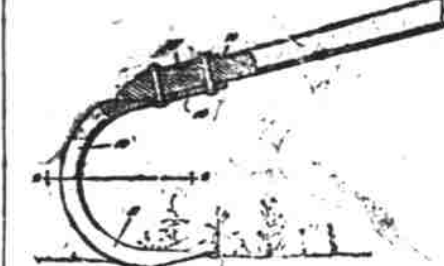
1. An egg crate comprising a body section, a top section partitions disposed in said top and body sections and dividing the crate into a number of cells adapted to receive eggs, broad flat rubber bands stretched across the top and body sections above and below the opposite ends of the eggs, and pairs of relatively thin rubber bands held by said partitions for engaging the lateral portions of the eggs, substantially as described.

1,484,618. SKINNING KNIFE. Robert Blades, Chicago, Ill.



1. A knife, a casing surrounding said knife and having a slot through which the cutting edge of the knife projects, and a connection through which fluid may be supplied to said casing.

1,484,948. WEEDING TOOL. Robert H. Kimberlin, Midland, South Dakota.



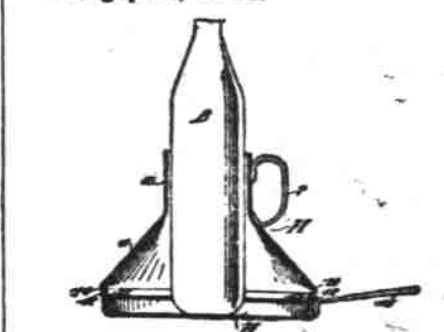
An agricultural implement comprising an arcuate rod having its upper end flattened to form a seat and its lower end terminating in diverging fingers, said fingers each tapering to a knife edge, and a handle secured rigidly upon the seat at the upper end of the rod.

1,482,034. SANITARY CHICKEN PERCH. Daniel J. Keen, Clyman, Wisconsin.



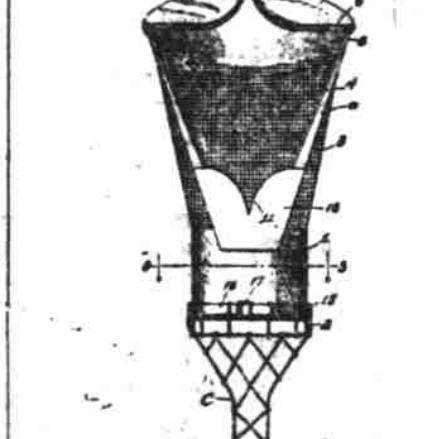
1. A sanitary perch for fowls comprising a tubular member for holding an insecticide, said member being provided with perforations; an absorbent strip secured to said tubular member over said perforations, adapted to receive said insecticide therefrom and distribute it over the surface of said tubular member; and a foot-rest member of a width greater than said absorbent strip also secured to said tubular member.

1,485,159. HEATER OR LIKE UTENSIL. Robert Bartholomew, Bridgeport, Conn.



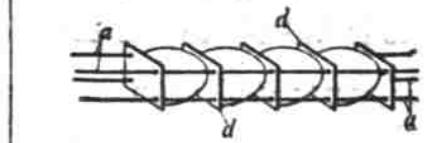
3. A heater for bottles and other food containers comprising a shallow pan-member of relatively large diameter having a handle on its side and a beaded circular rim, and a separable cover adapted to fit around the rim of the pan-member and to be held in position thereby, said cover formed with inwardly sloping side walls extending a considerable distance above the pan-member to provide a frusto-conical steam dome for collecting the vapor arising from the water in the pan, the walls of said cover merging into a contracted cylindrical neck at the top having parallel sides and extending upwardly to surround the upper portion of the bottle at a slight distance from the sides thereof whereby to provide a narrow steam passage through which the vapor is impelled at high velocity due to the accumulated pressure in the steam dome.

1,482,346. FRUIT GATHERER. Benjamin Burgess, Danville, Ill.



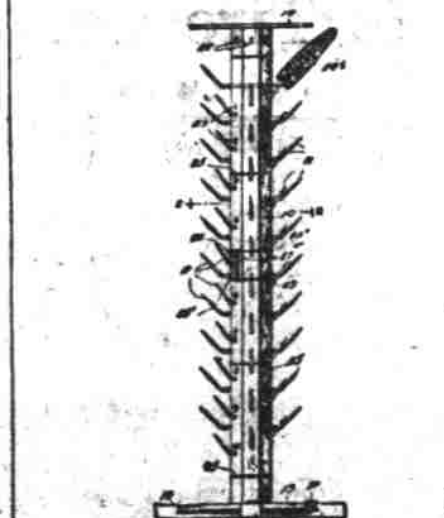
2. A fruit gatherer comprising a hood consisting of a bottom sleeve, a perforated wall extending a material distance around the sleeve, an end portion of the wall being secured to the sleeve, strips connected to the end marginal portions of said wall, a top member secured to the upper portions of the wall and the strips, said top member at a point between the strips being provided with a slot, and a plate connected to and bridging the space between the lower portions of the strips, said plate being provided with a slot, each of said slots being substantially V-shaped.

1,484,694. EGG TURNER. Thomas Henry West, Lynn, England.



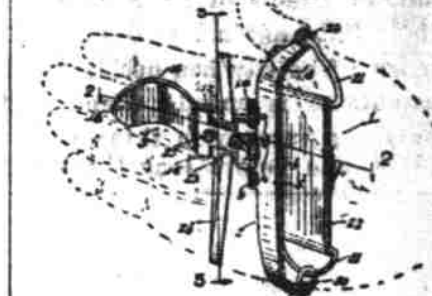
In incubators, the combination comprising a frame, strings extending between the sides of said frame, and abutments slidable on said strings, the said strings and abutments forming a plurality of cells each providing accommodation for one egg, as set forth.

1,482,649. SEED CORN RACK. Esther Hayden, East Jordan, Mich.



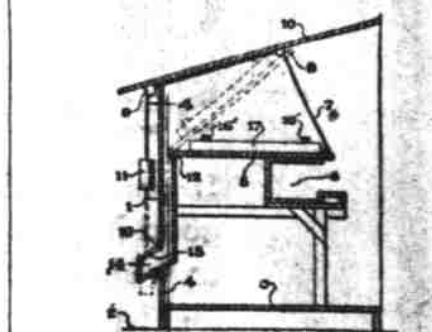
1. A seed corn rack comprising a post having extending outwardly and upwardly therefrom a plurality of impaling points and disks rigidly and permanently secured to the opposite ends of the post having diameters greater than the diametrical extent of the impaling points.

1,483,193. CORN HUSKING TOOL. Frederic Martin, Columbus, Ohio.



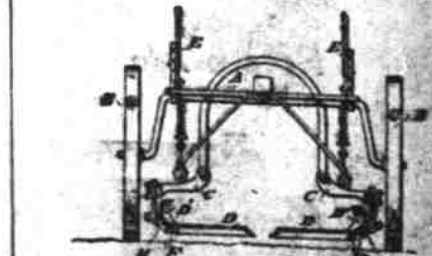
1. In a corn husking tool, a sheet metal base strip formed to include inner and outer integral layers, eyes formed with said layers, a claw holder of sheet metal bent to provide integral inner and outer layers, the latter being integrally joined by an eye portion arranged to register with the eyes of said base strip, a pin passing through said eyes to flexibly unite said strip and holder, and a claw member secured between the inner and outer layers of said holder.

1,483,295. POULTRY HOUSE. Edward E. Garner, Jacumba, Calif.



1. The combination, in a poultry house, of a droppings board, a chute to which the droppings board is connected, an outlet receptacle for the chute, a closure therefor, a roost supported from the droppings board, and means normally supporting the droppings board in horizontal position and right angularly with respect to the chute, and means for swinging the board upwardly to deliver droppings therefrom into the chute.

1,477,333. SURFACE FLOW CULTIVATOR. Andrew Erven, Westville, Ill.



A cultivator comprising spaced blocks having inwardly, upwardly and rearwardly directed arms, an upwardly bowed bar having its lower spaced extremities pivotally secured to the blocks, said blocks being provided with approximately horizontally positioned recesses, earth-working tools having rigid brackets connected with said blocks and transsecting said recesses, means to secure said brackets rigidly connected with said blocks and a wheel supported frame carrying said structure.

## FACTS

BUICK awarded first choice of space at the 1924 New York Auto Show for the 6th consecutive year.

BUICK outsold all cars selling for more than \$650 in Oregon 1923.

BUICK outsold all cars selling for more than \$650 in California 1923.

BUICK factory built more than 200,000 cars during 1923 season.

BUICK has shipped more than 100,000 1924 Buicks with 4 Wheel Brakes.

BUICK celebrated its 20th Anniversary January 28, 1924.

BUICK built its millionth car during 1923.

BUICK cars are represented by 4000 Buick dealers.

BUICK has 4000 Service Stations in U. S.

BUICK output in 1923 44% greater than in 1922.

BUICK is standard of comparison.

BUICK means Valve-in-Head—Valve-in-Head means higher efficiency—greater economy.

Racing cars are built without regard to cost—most of them use Valve-in-Head Type.

Approximately 95% of all aeroplane motors use Valve-in-Head type.

Out of 67 Manufacturers showing at New York show, 44 manufacture their own motor; 36% of these use Valve-in-Head type of construction.

Progressive Automobile manufacturers are following Buick example by adopting 4 Wheel Brakes as standard equipment.

81 Models shown at New York show with 4 Wheel Brake equipment.

44 Models had 4 Wheel Brakes as standard equipment.

37 Models offered 4 Wheel Brakes as optional equipment—extra charge.

Rolls-Royce had 4 Wheel Brakes.

4 Wheel Brakes offered greater safety—they control car in shorter distances.

**OTTO J. WILSON**

388 N. Commercial St. Phone 220

WHEN BETTER AUTOMOBILES ARE BUILT  
 BUICK WILL BUILD THEM