

Latest Patents of Interest to Motorists

Recently Granted by U. S. Patent Office

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

1,451,043. BODY FOR USE ON MOTOR VEHICLES. Charles Benson Wardman, Southport, England.



1. In a body for a motor vehicle, the combination of a non-collapsible rear quarter pivoted to the sides of said body and adapted to be swung into a recess in the back thereof, windscreen pillars at the front of said body, canopy rails formed in sections collapsibly connected together and extending forwardly to said windscreen pillars, a transverse rail uniting the forward parts of said canopy rails, a roll-up canopy also carried by said rear quarter, a detachably mounted bow supporting said canopy when extended, telescopically jointed bow sticks carried by said body to support said bow, and windows fitting between said canopy rails and the sides of said body, substantially as set forth.

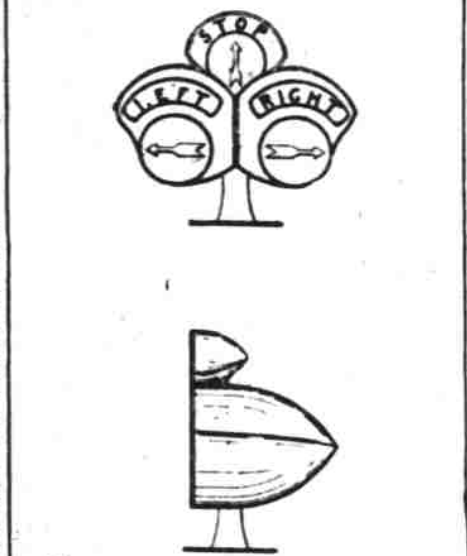
1,450,616. ACCELERATING PEDAL-OPERATING DEVICE John P. Kantak, Manlius, N. Y.



The combination with a foot board, an instrument board, and an electric switch operating pedal reciprocally movable in an opening in the floor board of a forwardly and rearwardly extending lever of the first kind pivotally mounted upon the floor board and having its rear end engaging the upper face of the switch operating pedal, a hand piece reciprocally mov-

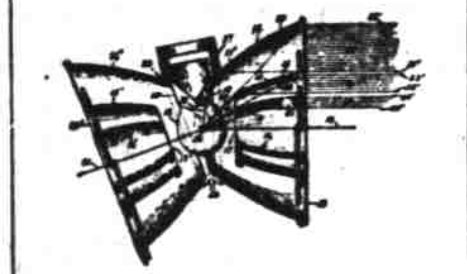
able in an opening in the instrument board and connections between said hand piece and the rear end of said lever for operating the latter to depress the switch operating pedal as the hand piece is moved in one direction.

63,799. DIRECTION SIGNAL. Stephen B. Nowak, Buffalo, N. Y.



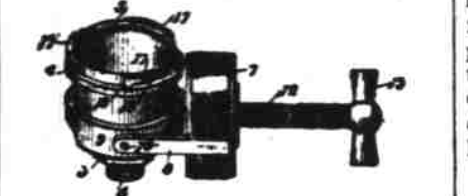
The ornamental design for a directional signal, as shown.

1,480,904. HIGHWAY ILLUMINATOR. Cromwell A. B. Halverson, Jr., Lynn, Mass., assignor to General Electric Company, a Corporation of New York.



1. A lighting unit comprising a number of groups of spaced, nested paraboloidal reflecting frustra, the reflectors of each group having a common axis and different focal distances, the axes of the groups extending in different directions and all reflectors having a common focus, a casting connecting and supporting the groups of reflectors, a concentrated filament incandescent electric lamp removably seated in the casting with the filament in the focus, and openings in the lower faces of the reflectors for insertion and removal of the lamp and for the downward projection of light.

1,480,844. GREASE CUP. Verlo V. Van Nattan and William W. Davis, San Francisco, Cal., said Van Nattan assignor to said Davis.



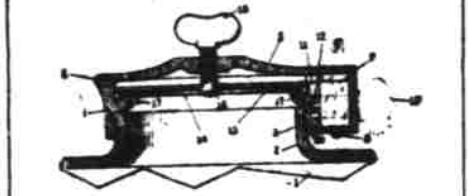
1. A grease cup comprising a cup open at one end and having a discharge opening formed in the opposite end, a cover for the cup, a floating ring vertically movable and turnably mounted on the exterior of the cup, said ring having a movement substantially from end to end of the cup, a bail rigidly connected to the cover and pivotally connected to the floating ring, said bail permitting tilting of the cover with relation to the cup and the ring, and means for securing the cover to the cup.

1,480,976. PATCH FOR INNER TUBES. Charles C. Wight, San Antonio, Tex.



2. A cementless patch for inner tubes comprising an outer layer of cured rubber, an adjacent layer of raw gum or rubber, a layer of adhesive or cushioning rubber adjacent said layer of raw or gum rubber, and a protecting layer of glazed canvas, the layers of cured rubber and raw gum or rubber being vulcanized together.

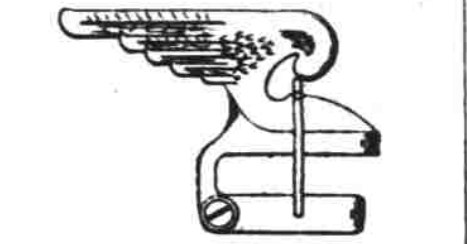
1,480,989. LOCK FOR GASOLINE TANKS FOR AUTOMOBILES. Howard H. Brooker, New York, N. Y.



1. The combination with a gas tank of a cap suitably secured to said tank, said cap having a cover com-

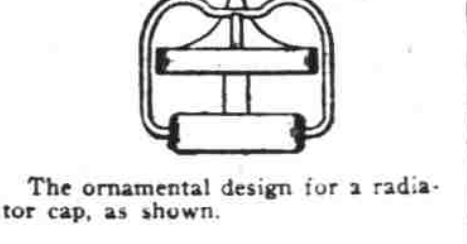
prising a lower portion and a cover therefor, said cover being hinged to the lower portion, a lock mounted in said cover, a lock bolt operated by a key in said lock, there being a slot formed in said lower portion which permits the cover to be raised when the key is turned and a cross tongue on said bolt which prevents the withdrawal of the key except when the lock bolt is in locking position.

63,776. RADIATOR CAP. Frank E. Christensen, Necedah, Wis.



The ornamental design for a radiator cap, as shown.

1,479,829. DEVICE FOR REMOVING CARBON FROM PISTON GROOVES. Carl H. Olson and Walter F. Page, Boston, Mass., assignors to The Morgan Manufacturing Company, Incorporated, Keene, N. H., a Corporation of New Hampshire.



1. A device for removing carbon from piston ring grooves, comprising in combination, a holder, means mounted thereon for disintegrating the carbon in a piston groove and means mounted on the holder for following the disintegrating means to clear the carbon from the groove.



6. A device for removing carbon from piston ring grooves, comprising in combination, a holder, means mounted thereon for disintegrating the carbon in a piston groove and means mounted on the holder for following the disintegrating means to clear the carbon from the groove.

Eleven Favored Counties Enrich Their Cultivators
BERKELEY, Cal., Feb. 2.—Eleven counties in the United States produce vegetables with a yearly sale value for each exceeding \$2,000,000. It is announced by the Division of Olericulture at the University of California.

Four of the 11 are in California. They are the counties of Sacramento and San Joaquin, in the central part of the state, and the counties of Los Angeles and Imperial,

in the south. New Jersey, with Gloucester and Cumberland, has two of the bumper vegetable crop counties, and so has Florida in the counties of Seminole and Manatee. The others are Cook county, Illinois; Middlesex county, Massachusetts, and Copley county, Mississippi.

According to the university survey, the four California counties in a single year sold vegetables for some \$13,500,000. The ten leading vegetables raised in this state, some of them shipped as far away as Atlantic seaboard, are muskmellons, tomatoes, onions (dry), cabbages, green peppers, cauliflowerers and watermelons.

The New Touring Car

\$295

F.O.B. DETROIT

A Striking Value—at \$295

Considering the improved appearance of the new Ford Touring Car, one would naturally expect a proportionate advance in price. Larger scale production, however, has made it possible to incorporate in this new type touring car a number of decided improvements without increasing its cost to the purchaser. A comparison extending over a long period of years will reveal the fact that the present price is actually the lowest at which the five-passenger open car has ever been sold. The Ford Touring Car stands today, as it always has, a most remarkable value in the motor car field.

This car can be obtained through the Ford Weekly Purchase Plan.

Valley Motor Co.
264 North High Phone 1995

CARS · TRUCKS · TRACTORS

LARGEST ORDERS FOR MOTOR CARS

Maxwell Chrysler Cos. Get Largest Orders in History of Industry

DETROIT, Mich., Feb. 3.—Two of the largest orders for motor cars were recorded in the history of the industry have been placed in the past two weeks—and both of them have come to the same company.

The Maxwell Motor Corporation of Detroit is the manufacturer. The John H. Thompson company, Maxwell-Chrysler-Chalmers dealer in Detroit and the DeCozen Motor company, dealers for the same cars in Newark, N. J., placed the orders.

The Thompson organization purchased two million dollars worth of Maxwell cars, alone. The company states that it expects to distribute these cars in Detroit and vicinity before July 1. In addition to the Maxwell, the company expects to sell every Chrysler car which the factory can possibly deliver to them in that period.

The order entered by the DeCozen company calls for something more than a million dollars worth of motor cars, all of which are to be sold in a comparatively small section of New Jersey—a comparatively small state. These orders represent approximately ten full train loads of Maxwell and Chrysler cars.

The Chrysler, it will be remembered, was first introduced to the public at the New York automobile show. It is the latest product of Walter P. Chrysler, and was easily the outstanding attraction at the New York, Philadelphia, Buffalo, Cleveland and Detroit shows. This past week it has held the limelight at Chicago. Automotive experts predict for the car a remarkable degree of success because of its fine adaptability to modern needs and to condition of traffic and parking.

Mr. Chrysler is of the opinion that the two immensely large orders which the Chrysler-Maxwell organization, has received from two of its prominent city dealers is an accurate indication of the continuance of excellent business for motor car manufacturers throughout 1924.

A LONG TIME INVESTMENT

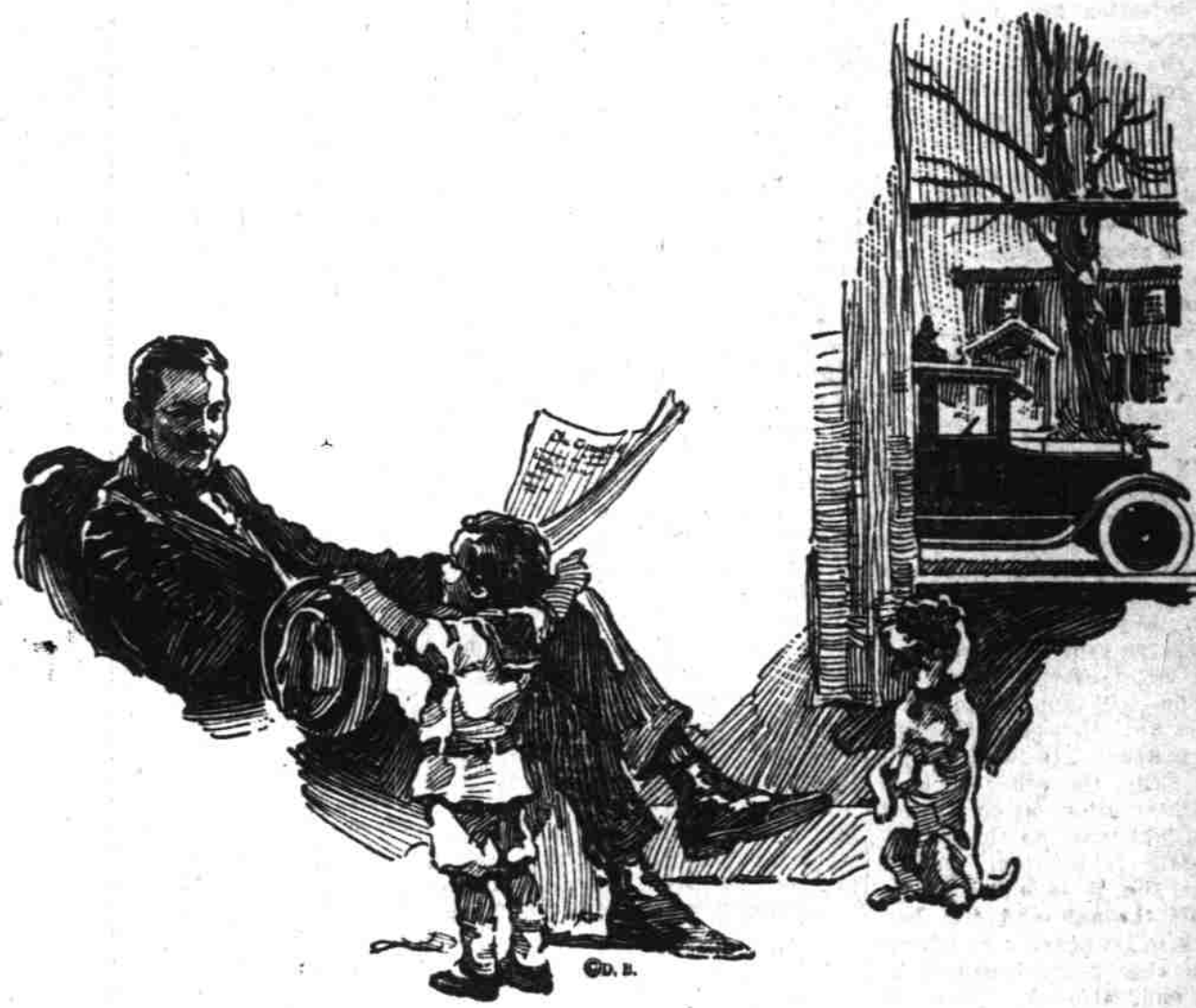
Every Dodge Brothers Sedan body is steel built throughout—sills, pillars, panels, frames and all.

This all-steel design—exclusively a Dodge Brothers feature—possesses certain practical advantages which recommend it most emphatically to the closed car buyer.

It reduces cost, assures a structural precision which is particularly evident in the snug fit of doors and windows, and results in a staunchness of construction which guarantees to the owner a long time investment—and a long time satisfaction.

BONESTEEL MOTOR CO.

474 S. Commercial. Phone 423



MOTORISTS PAY 11 KINDS OF TAXES

Chairman A. A. A. Legislative Board Before Ways and Means Committee

A smashing frontal attack on the retention in 1924 of the war excise tax of five per cent on motor vehicles, tires, accessories and repair parts imposed in 1918 was made before the Ways and Means Committee of the House of Representatives on Thursday by Major Roy F. Britton, St. Louis, chairman of the Legislative Board of the American Automobile Association.

After presenting his argument that this tax is discriminatory, a nuisance tax as far as accessories are concerned, and a tax on misfortune in the case of the tax paid on repair parts, Major Britton pointed out that the automobile owner is the most taxed individual both as to the number and variety of special and general taxes imposed upon him by the Federal, state, county and municipal taxing units. The automobile owner residing in the city often pays as many as seven kinds of taxes in addition to the four levied on him by the Federal Government whenever he purchases a car, tire, accessory or repair part, according to Major Britton. The following classes of taxes were listed as an example of the extent to which the motorist is made to pay by the various taxing units.

1. State license fees.
2. City license fees.
3. State gasoline tax (in 38 states).
4. State personal property tax.
5. City personal property tax.
6. State or city driver's license.
7. State title registration fees.

In some instances the counties add three more taxes by duplicating the license, gasoline and personal property tax. In calling the excise war tax on motor vehicles, tires, accessories and repair parts discriminatory, Major Britton stated that no other class of citizen pays so many taxes on one article of use as the motorist. "The automobile is an essential instrument of commerce, furnishing transportation for human beings and commodities and daily enters into every phase of the economic, commercial and social life of a majority of our population," said Major Britton. "Not only does it meet the present day necessity for individual transportation but it brings to the owner, his family and friends, services, conveniences and pleasures not possible prior to the advent of this form of transportation."

"Having willingly met the war taxes levied for a specific purpose

and having paid over \$580,000,000 in five years, the motorist feels that he is entitled in 1924 to be relieved in part at least from taxes levied in 1918 for a purpose which has long since been accomplished."

Major Britton stated that he felt satisfied that Congress would never have imposed the war excise tax on repair parts had Congress fully realized that such a tax is a tax on misfortune. There is no precedent he stated, for Congress showing a disposition to tax the misfortune of its citizens. Under the provisions of the present law, an automobile owner must pay five per cent tax on a repair part of his automobile required to replace one which he had the misfortune to break. He paid the tax on the part when he purchased his car.

"Congress," said Major Britton,

"has shown a disposition to remove war taxes on transportation. There now remains the tax on telephone, telegraph and leased wires and the tax on the motor vehicle in this classification." The motorists of the country, he stated, are asking that a beginning be made at this Congress toward the ultimate elimination of the war excise tax on individual transportation.

AUTOS FILLED 540,000 CARS
Parts and Tires Used Additional 210,000 Rail Cars in 1922

More than 540,000 carloads of assembled automobiles and 210,000 carloads of parts and tires were handled by the railroads last year, according to figures given

out by J. S. Marvin, general traffic manager, National Automobile Chamber of Commerce. The railroad revenue from these huge shipments is estimated at \$200,000,000.

More than a million machines were driven over the highways to destination by dealers and 80,000 shipped by boat. Notwithstanding the great increase in this traffic, reports indicate that railroads maintained a more adequate supply of freight cars at the factories than ever before.

The missing link between the sublime and the ridiculous is found in the fellow who tries to get thrills by building a home-made racing body for his flivver.

Quiet as a ghost!

The Willys-Knight sleeve-valve engine gives you quiet, silky action. Closed bodies remarkably free from power rumbles and vibration. No noisy cams. No bother with carbon. No valves to grind. This engine improves with use! Touring \$1175; Sedan \$1795, f. o. b. Toledo.

WILLYS-KNIGHT

Vick Brothers

QUALITY CARS
TRADE AT HIGH