

COUNTY AND SANITARY DISTRICT HEADS AND JUDGES OF THE APPELLATE, CIRCUIT AND SUPERIOR COURTS

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JUDICIARY. Illinois Supreme Court— Judge Orrin N. Carter. R. 1022, 10th floor, County Building. Appellate Court— Branch 1. William H. McSurely, William E. Dever, Jesse Holdom. R. 1400, Michigan Blvd. Building. Branch 2. Charles A. McDonald, John P. McGoorty, Albert H. Barnes. R. 1400, Michigan Blvd. Building. Branch 3. John M. O'Connor, Thomas Taylor, Jr., Clarence N. Goodwin. R. 1400, Michigan Blvd. Building. Judge of Probate Court— Henry Horner. Judge of County Court— Thomas F. Scully. Judge of Juvenile Court— Merritt W. Pinckney. Judges of Superior Court— Albert C. Barnes, Theodore Brentano, Joseph Sabath, Wm. Eastmore Cooper, William E. Dever, Joseph H. Fitch, Charles M. Foell, Henry Guerin, Jacob H. Hopkins, Martin M. Gridley, Marcus A. Kavanagh, Charles A. McDonald, M. L. McKinley, William H. McSurely, John M. O'Connor, Hugo Pam, Denis E. Sullivan, John J. Sullivan, Joseph E. David, Oscar Hebel. Extra Judges— 10th floor, County Building. Judges of the Circuit Court— Victor P. Arnold, Robert E. Crowe, Jesse Baldwin, George F. Barrett, David M. Brothers, Jesse Holdom, Frank Johnston, Jr., George Karsten, David P. Matchett, John P. McGoorty, Merritt W. Pinckney, Kieckhaff Scanlan, Frederick A. Smith, Thomas Taylor, Jr., Charles M. Thomson, Oscar M. Torrison, Richard S. Tutbill, Charles M. Walker, Thomas G. Windes. Jury Commission— Joseph H. Barnett, Otto Pompel, Chas. W. Selwerth, Chas. L. Caswell, Chief Clerk. R. 824, 8th floor, County Building. Chicago Law Institute and Library— 10th floor, County Building. William Holden, Librarian. County Supt. of Highways— George A. Quinlan. R. 325, 3rd floor, County Building. President of Sanitary District— Chas. H. Sergel. Trustees of Sanitary District— William J. Healy, Patrick J. Carr, Wallace G. Clark, Harry R. Littler, Chas. H. Sergel, George W. Paulin, W. O. Nance, James H. Lawley, M. A. Mueller, John McGillicuddy, Clerk. 900 S. Michigan Ave. (Karpen Building). Telephone Wabash 1320. Cook County Building— Occupies block, Randolph, Washington, Clark and La Salle Sts. John Czekala, Custodian. Criminal Court Building— Cor. Michigan and Dearborn Ave. Jacob Pomerantz, Custodian. Cook County Jail— Criminal Court Building, Dearborn Ave., between Michigan and Illinois St. William T. Davies, Jailer. County Surveyor— Harry Emerson. R. 426, 4th floor, County Building. County Architect— Eric E. Hall. 139 N. Clark St. Marx Beer Tunnel and Restaurant, at the corner of Dearborn and Madison streets, is well worth your patronage. It is one of the fine old style restaurants where everything is good and plenty of it. The cooking could not be better. Just sample it. The management, under the guiding hand of Fred H. Marx, has won encomiums for this fine eating house in the heart of the city. Viviano Brothers make the best macaroni in the market. Their big factory at 2148 to 2168 Canalport avenue is one of the largest in the country and is noted for its cleanliness, thoroughness and attractiveness throughout, and for the great product it turns out. Judge Charles A. McDonald is making a splendid record on the Superior Court bench. He is a conscientious and fair-minded judge. Sidney Adler, the well known lawyer, is in the front rank of boomers or his native city—Chicago. Fred W. Upham would make a splendid United States Senator if he would consent to make the race for that position. Benjamin Moore & Co. Manufacturers of Paints, Colors, Varnishes, Murecco 401-423 North Green Street Phone Monroe 1086 Chicago, Ill.

AUTO NEWS

FULLY EQUIPPED DENTAL CAR PRESENTED TO SOLDIERS STATIONED AT CAMP MEADE

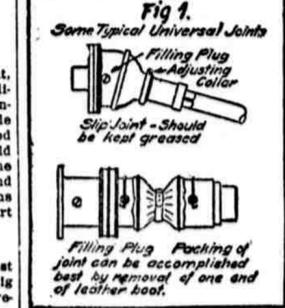


The illustration shows a soldier boy at Camp Meade having his teeth treated in an automobile-dental car, the gift of the Preparedness League of American Dentists. The car is fully equipped with every appliance known to modern dentistry.

LUBRICATION IS BIG REQUISITE

Much More Liable to Be Neglected in Winter Than When Weather is Pleasant. MEANS LONG LIFE TO CAR

Advisable in Cold Weather to Have Universal Joints Filled With Soft Grease, or Add Small Amount of Heavy Oil. (By R. A. LEAVELL, Department of Engineering Extension, Iowa State College.) In the winter, when the garage is cold, systematic lubrication of the car, as recommended by the manufacturer in his instruction book, is very much more liable to be neglected than it is when the weather is pleasant. In addition, under the influence of cold, it is more difficult to get the oil to flow from the oil can into the oil cups or to force grease in by means of a grease cup. When the car is run, the oil or grease, because it is stiffened by the cold, does not work in between the wearing surfaces so readily. A universal joint in particular may be partly filled with cup grease which is soft enough to lubricate properly in the summer, but which, like butter, becomes almost solid in zero weather. During cold weather it is advisable to have the universal joint housings filled completely with soft grease or, if they are already full, to add a small amount of very heavy oil, like steam cylinder stock, which will insure lubrication even when the joints are cold. Typical Universal Joints. Fig. 1 shows two typical universal joints. In the first one the grease can be retained in the metal housing only if the adjusting collar is taken up occasionally to prevent leakage past the pack up in the spherical joint in the housing. If the transmission or gear box is lubricated with grease, unless it is especially light, it should be slightly thinned down in the winter so that it will be in a semifluid state rather than so solid that the gears will cut tracks and receive insufficient lubrication. There should be enough grease in the case so that all the gears on the lower shaft will dip in it and will carry it up between their teeth. The differential, if lubricated with heavy oil or with light grease, should have enough so that the ring gear will dip to a depth of an inch or an inch and a half, but should not be filled



more than one-third full on account of the liability of having the grease work out along the shafts and onto the brakes and tires. If a heavy dark green oil, known often as steam cylinder stock, as 600-W, or as transmission oil, is used it will be found advisable to thin it down slightly in zero weather by the addition of automobile engine oil. Mud Absorbs Oil. Whenever mud gathers around the bearings and dries it absorbs oil just as sawdust or a sponge would, and if the oiling is not taken care of frequently enough the parts will first become dry, then water will soak in and cause rusting, and, finally, they will freeze fast and become almost immovable. This often happens on shafts in the brake-operating mechanism. Proper lubrication in accordance with recommendations of the manufacturer found in the lubrication chart in the instruction book which he furnishes with the car, will make a difference of 10,000 miles between a car which is ready for the junk heap and the one which runs just as well as it did on its first trip. ADJUSTMENT OF CARBURETOR Modern Automatic Device is Reliable and Accurate—Too Thin Mixture Causes Trouble. (By HENRY L. THOMPSON, Department of Farm Engineering, Oklahoma A. and M. College.) Nine-tenths of all the peculiarities of the gas engine are attributed to the carburetor. Some men have the habit of tinkering with it all the time. The modern automatic carburetor is a very reliable and accurate machine, and when correctly adjusted to meet certain conditions it should operate in a satisfactory manner. Most carburetors have an adjustment for low speed and starting, and another adjustment for high speeds. Too thin a mixture causes the engine to pop and miss, while too thick a mixture will cause black at the muffler. Blue smoke is due to oil. First adjust the engine for low speed so that it will start easily and pull strongly. Then run the motor at a medium to high speed under same load and adjust the "air" or high speed adjustment. In an auto this may be done by running the machine up a long, regular grade on which it can make about 25 or 30 miles an hour, finding the adjustment which will give a certain speed with least throttle. In a tractor the carburetor should always be adjusted under load so that it pulls a given load the easiest. After the proper adjustment has been found leave it alone. CHAINS SHOULD BE CLEANED First Soak in Bath of Kerosene and Then Brush Off to Get Rid of All Dirt and Grit. The silent chains that are becoming popular for cam shaft and other drives should be thoroughly cleaned every time the motor is taken down. The chain should first be soaked in a bath of kerosene and then brushed with a stiff brush to get off all dirt and grit. After cleaning, the chain should be dried and then washed in hot water, to which a little washing soda has been added. Next the chain should be submerged in a bath of moderately heavy lubricating oil and allowed to remain until the lubricant has reached every cranny of the bearing surface. It is a good idea to have this oil warmed through before immersing the chain in it, as this thins it a little and permits it more readily to reach hidden surfaces.

STATE OFFICIALS

Governor, FRANK O. LOWDEN. Lieutenant-Governor, JOHN G. OGLESBY. Attorney General, EDWARD J. BRUNDAGE. Secretary of State, LOUIS L. EMMERSON. State Treasurer, LEN SMALL. Auditor, ANDREW RUSSELL. Superintendent of Public Instruction, FRANCIS G. BLAIR. Clerk of Supreme Court, CHARLES W. VAIL.

CITY OFFICIALS

Mayor, WILLIAM HALE THOMPSON. Treasurer, CLAYTON F. SMITH. City Clerk, JAMES T. IGOE. Comptroller, EUGENE R. RIKE. Corporation Counsel, SAMUEL A. ETTELSON. Commissioner of Public Works, FRANK I. BENNETT. Commissioner of Health, JOHN DILL ROBERTSON, M. D. General Superintendent of Police, JOHN J. GARRITY.

COUNTY OFFICIALS

State's Attorney, MACLAY HOYNE. County Treasurer, HARRY R. GIBBONS. Recorder of Deeds, JOSEPH F. HAAS. Sheriff, CHARLES W. PETERS. County Judge, THOMAS F. SCULLY. County Clerk, ROBERT M. SWITZER. Probate Judge, HENRY HORNER. Probate Clerk, JOHN F. DEVINE. Criminal Court Clerk, WILLIAM R. PARKER. Superior Court Clerk, JOHN KJELLANDER. Circuit Court Clerk, AUGUST MILLER. Coroner, PETER M. HOFFMAN. President County Board, PETER REINBERG. Board of Review, F. A. NASH. Board of Assessors, WILLIAM H. WEBER, ADAM WOLF, GEORGE K. SCHMIDT, CHARLES KRUTCKOFF, MICHAEL K. SHERIDAN.

THE SANITARY DISTRICT

Facts about the Sanitary District and drainage canal: The main water power channel is 40 miles long. Length of river, lake to Robey street, 5 miles. Length river diversion channel, 18 miles. Width main channel, Robey street to Summit: Bottom, 110 feet; top, 190. Width main channel, Summit to Willow Springs: Bottom, 202 feet; top, 300. Width main channel, Willow Springs to Lockport (rock section): Bottom, 160 feet; top, 183. Width river diversion channel: Bottom, 200 feet. Minimum depth of water in main channel, 22 feet. Current in earth sections, 1.4 miles per hour. Current in rock sections, 1.9 miles per hour. Present capacity of canal, 300,000 cubic feet per minute. Total amount of excavation, 43,389,685 cubic yards. The north shore channel, extending from Lawrence avenue to Lake Michigan, in the village of Wilmette, is about 8 miles long with a water depth of 13.5 feet. Construction of the Sag canal to drain the Calumet region was begun in the summer of 1911. Sag channel will be 22 miles long when work is finished. Richard M. Hennessey, the well known building contractor, has an honored record for ability and efficiency. K. G. Schmidt & Son have opened their new subdivision in North Edgewater. It is located at the southeast corner of Fairfield and Devon avenues—one of the most beautiful and accessible of locations. Professor M. J. Dwyer, whose splendid gymnasium is on the nineteenth floor of the Continental and Commercial Bank building, has a great clientele among the solid men of Chicago. Business and professional men of standing and fame are among his best pleased patrons. F. William Morf, with the big and well-known South Water street house of C. H. Weaver & Co., is one of the most popular men in the vegetable and fruit trade. Robert R. Jampolis would make a great judge. Secretary of State Louis L. Emmerson is making a fine record and many friends by the able and efficient manner in which he conducts his great office. Gus A. Berkes for many years proprietor of the North Side Turner Hall is now distributor for Pom-Roy, a pure apple wine of the Champagne type. As usual he is making a big success.

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