

**ILLINOIS BIG AID
IN MOTOR INDUSTRY**
INVENTIONS ARE MANY

**Produced By Men of This State
and Which Have Helped to
Boost Productions of
Automobiles**

Few persons realize the part that Illinois has played in keeping the millions of motor cars going, according to a bulletin of the Illinois Chamber of Commerce, just issued. This calls to the attention of the world that Illinois has been foremost in the development of the "cracking" systems which have more than doubled the amount of gasoline obtainable from a barrel of oil and says:

"Dr. W. H. Burton, inventor of the first cracking system to come into general use, is a Chicago man and following his great scientific discovery was made president of the Standard Oil Co., of Indiana. Its general offices are in Chicago.

Cracking System

"Dr. W. H. Isom, inventor of the Isom cracking system, developed by the Sinclair Refining Co., is a Chicago man and an official of that company. The Sinclair company is one of the biggest refiners in the country.

"C. P. Dubbs, inventor of the Dubbs cracking process, is a Chicago man and the general offices of the Dubbs organization are in Chicago. This company has been financed by Chicago capital.

"The first unit of the Cross cracking process, another of the largest and most successful cracking systems, was built at Lawrenceville, Ill., by the Indian Refining Co., and here the most of the preliminary work in perfecting the Cross process was done.

**PREDICTS GAS MADE
AT MINES FOR FUEL**
Interesting Feature of Recent Meeting of American Chemical Society

A prediction that virtually the entire world's supply of coal will be transformed into gas at the mine and distributed through "super gas" plants in the comparatively near future, was made by Arthur D. Little of Boston, head of a research laboratory bearing his name, in an address before the American Chemical society.

Dealing exhaustively in the uses and possibilities of carbon products, Dr. Little also predicted that petroleum may soon provide the cheapest base for the synthesis of rubber.

He disagreed with engineers who have prophesied that coal will be transformed into electrical energy by "super power" plants at the mines. "Their sponsors commonly ignore the fact that the enormous quantities of condenser water required for such plants are very rarely available at any time," Dr. Little said. "Super-gas plants, on the contrary, require very little water, but may nevertheless distribute potential heat energy over wide areas.

"The industrial use of gas has just begun and the inevitable house heating by gas has hardly started. Having learned to cook by gas, we shall presently extend its use to the gas-fired refrigerator."

By Illinois Men

"But for these developments, carried on mostly in Illinois and, with the exception of the Cross system, by Illinois men, with the present supply of petroleum fewer than 10,000,000 motor cars could now be run. There are, on the roads today, about 21,000,000. That's a side of Illinois' position in the oil and motor world today that probably has never been printed up to now."

**MORE FOOLISHNESS
ABOUT TARIFF LAW**
New York Women Opposing Duty on Luxuries Forget It Protects Workers

Mrs. J. Borden Harriman of New York and Washington, and probably Paris and London, advanced on Washington recently to make a drive against the tariff. Mrs. Harriman and the ladies with her spoke particularly about the necessity of a reduction on sugar, household utensils, hardware, cutlery, etc., but it is a fair surmise that Mrs. Harriman and the associated ladies would not object nor be distressed if the tariff on female fripperies was also reduced at the same time, although they very carefully kept that out of their published announcements.

Ours is a great and extraordinary country, and the finest buying market in the world, but even the best of us can wear only one suit of clothes at a time and only one pair of shoes at a time, and it is frankly admitted that our own American workmen produce not only sufficient shirts, clothes, hats, socks, shoes and boots to clothe us all, but in addition a considerable amount available for export. It does not require a complicated diagram to make clear that if suits and women's clothes, boots and shoes are imported from the other side, that the opportunities for the purchase and use of our own American-made goods is accordingly curtailed. If the duty is reduced on these articles, as these la-

dies urge, the European manufacturer with his lower labor costs can undersell our American products, and there is but poor economy and logic in saving a few cents on a shirt or on stockings, boots and shoes and putting our own workmen on the streets in a state of unemployment.

"The American people are terribly afraid of breathing dust in their homes, but they do not seem to mind it while motoring.

**SANDWICK TO PRESIDE
AT EDUCATORS' MEET**
Will Be In Chair at Educational Conference at Chicago; Teachers Going

A number of Deerfield-Shields teachers will attend the thirty-eighth Educational conference of the academics and high schools in cooperation with the University of Chicago on Saturday, May 8. On

Friday, May 7, a few will go but school will not be dismissed. Mr. Sandwick, vice-chairman on the program committee of the conference, is to preside over the general session to be held on Friday at two o'clock in the Leon Mandel assembly hall of the university.

However, many people have supreme confidence that if they fail to do their civic duty, the ever faithful George will look after it for them.

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