

### Recounts Story of the Shock-Less Chassis on Elcar

Ten more miles an hour is now possible on country roads with the invention and perfection of the "shock-less chassis" by Elcar Motor company, according to C. C. Fridman, 723 Ashland avenue, Wilmette, north shore Elcar dealer. It was under direction of A. M. Graffis, chief engineer, that experiments were conducted and completed in six states during three years to embody in motor car design what is termed a "greater advancement than the balloon tires."

Mr. Graffis is not by any means an advocate of unsafe speed on public highways, says Mr. Fridman, but it is his contention that much time has been lost on the ordinary road due to uncomfortable driving on the chassis of pioneer days.

"People hated to be jarred and jolted about," Mr. Fridman quotes Mr. Graffis as saying. "That's why a gravel or a dirt road resulted in a considerable let down in acceleration. The balloon tire helped, it is true, but the bumps came anyhow, not with the malice of other days but usually with sufficient force to emphasize that metal hit metal. We made parts of the chassis more yielding and still other sections less susceptible to the rebound.

"We tried out road after road to vary our experience and gradually improve riding qualities directly due to changes in the chassis. Our most important step came with the discovery that through the use of fabric joint we could put a stop to the transmission of road noises from the frame to the body of the car. Coincidentally the shackle bolts were made wholly superfluous with this substitute and our work of improvement was complete. Every advance step was marked by countless experiments and tests in this gradual but entirely successful search for a car without shocks and jolts.

"We honestly feel that we have contributed something permanent to the art of motor car building."

### First Scandinavian Evangelical

886 Elm street, Winnetka  
Pastor: A. E. Rohrbach.  
910 Elm street. Telephone 2596

#### Hours of Worship

Sunday services:  
Sunday school ..... 9:30 a. m.  
Bible class ..... 9:30 a. m.  
Swedish service ..... 11 a. m.  
Young People's ..... 4:30 p. m.  
Miss Drew of South China Boat Mission will speak.

English service ..... 7:45 p. m.  
Celebration of the Lord's Supper.

Wednesday:  
Swedish service ..... 8 p. m.  
Friday—Professor Person will show lantern slides of scenes in Palestine 8 p. m.

"And God shall wipe away all tears from their eyes."

"O eyes that are red with weeping, cease your scalding flow, for in a while ye shall know no more tears! None can wipe away tears like the God of Love."

#### GIVE CONGREGATION TOPIC

"The City Without Jews—Effects of an Imaginary Expulsion," will be the subject of Rabbi Harvey E. Wessel's address at the services of the North Shore Congregation, Israel, Sunday morning, February 6.

A number of Winnetka members of the Chicago Alumni association were present at the midwinter social meeting held Saturday, January 29, at the Chicago College club. Dr. William Thomas, university alumnus who accompanied the MacMillan arctic expedition, told some of the experiences and showed moving pictures of the trip.

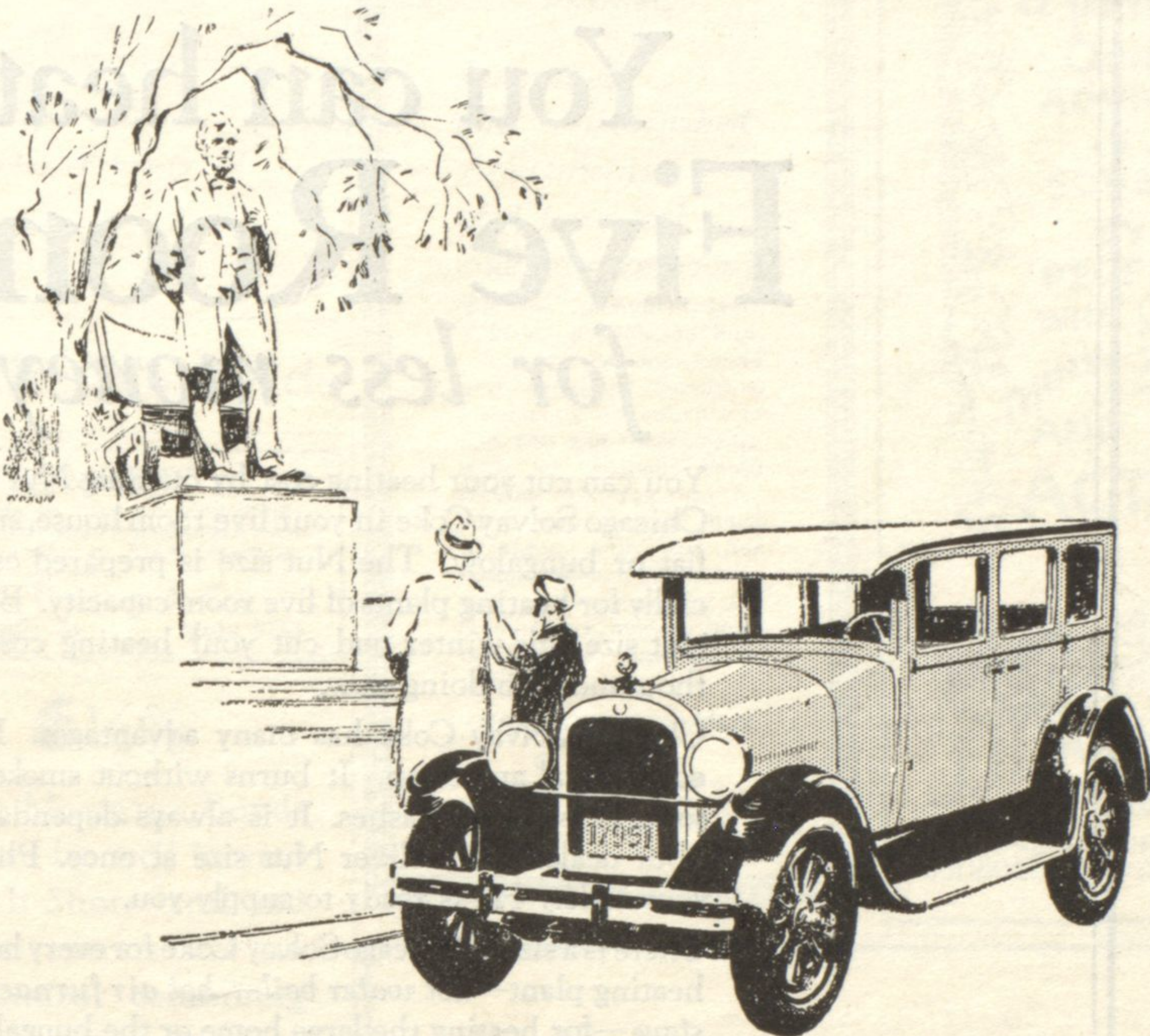
### Students Hear Lecture on Americanization Work

Dr. John E. Stout, head of the school of education, Northwestern university, spoke to the students of the National Kindergarten and Elementary college, on the subject, "Americanization in Colleges," Thursday afternoon, February 3.

The lecture is one of two on this topic which Dr. Stout is giving in connection with the course in Americanization which has been carried on through the year.

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