

# Forty Tons of Bells for U. of M.

(By R. Ray Baker.)

Ann Arbor, July 23.—The University of Michigan soon will purchase some 40 tons of bells to construct the fourth largest carillon in the United States. This carillon is expected to be placed in the tower of the Michigan Union until such time as funds can be raised for a campanile.

In addition to being the fourth largest in this country, the new carillon, it is believed, will be the fifth in the world. It is made possible by a gift of \$50,000 from Charles Baird, one-time business manager of the Michigan Athletic association and the man who brought Coach Fielding H. Yost to Michigan back in 1900. Baird, an alumnus of the university, now is a banker in Kansas City, Mo.

## Question of Tonnage.

The Michigan carillon will have from 47 to 54 bells. These will provide 4 octaves of 12 steps each, including the semi-notes. The lowest step is expected to be F or even E.

But in considering the size and quality of carillons, it is not "how many" bells but "how much bells" that counts. In other words, it is a question of tonnage rather than of numbers. Lowness of pitch is extremely desirable, and the lower the pitch the heavier the bell. The total tonnage, including the framework, keyboard and other essential items of construction, will be something like 70 tons.

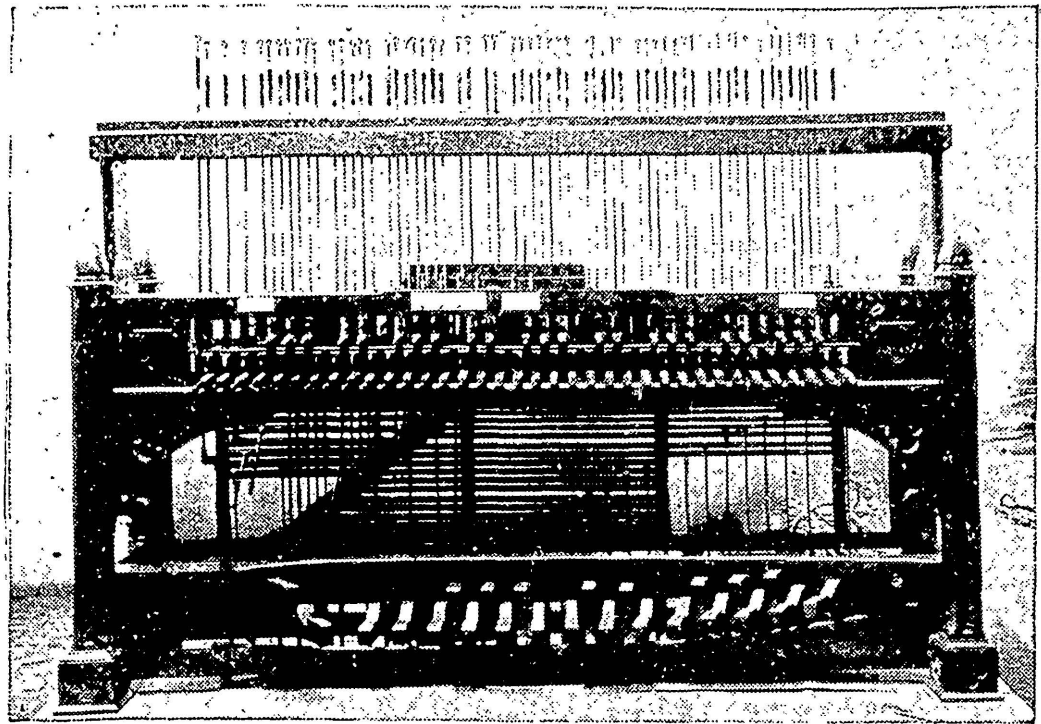
The lowest pitched bell in the Michigan carillon is expected to weigh eight tons. This is small, however, compared to the lowest in the tower of Riverside church, New York, where is located the world's largest carillon with a low pitch of C. This C-bell weighs 20 tons. The lowest note range of the University of Chicago carillon, second in the world, is C-sharp and the bell weighs 18 tons. At Mountain Lake, Fla., is the third largest. The fourth largest is at Ottawa, Ont.

## Will Not Swing.

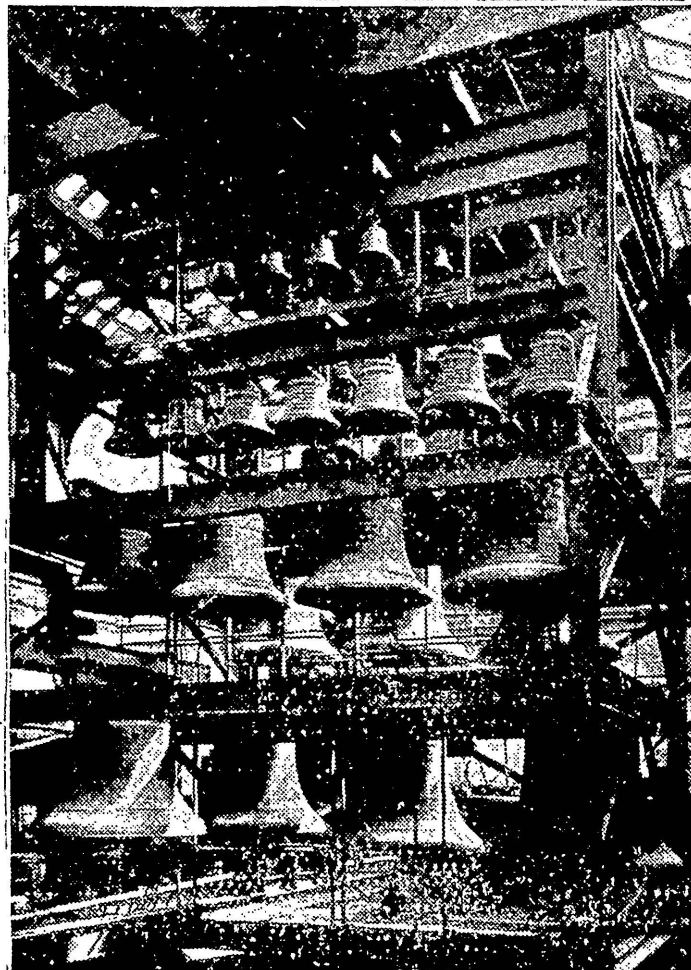
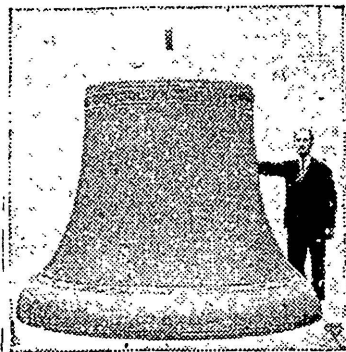
In the state of Michigan there are carillons at Christ church, Cranbrook, and the Jefferson Avenue Presbyterian church, Detroit. Michigan State college has a chimes which soon will be increased to the range of a carillon.

The bells in the university carillon will not swing, but will be struck by exterior clappers operated from a keyboard. An expert carillonneur presumably will be brought here to operate the instrument, and concerts will be held at regular intervals.

Prof. Earl V. Moore, musical director of the university, is attending to the arrangements for acquiring the Baird bells, all of which are expected to be purchased in England.



The University of Michigan's carillon, made possible by a \$50,000 gift, will be played from a keyboard like that shown above. At right is a picture showing how the bells look when installed in the Michigan Union tower. The small picture gives some idea of the size of the largest bell, which will weigh about 10 tons. These views are of existing carillon equipment which will be used as a pattern in constructing the one at the University of Michigan.



## May Ask Congress O.K. Fraction Coins

Washington, July 23.—(U.P.)—Congress soon will be asked for legislation authorizing the United States to issue two new coins—half-cent and mill pieces.

Secretary of the Treasury Morgenthau said Tuesday that state sales taxes had made it necessary to devise some coin smaller than

By David Lawrence

## Some Things To Commend