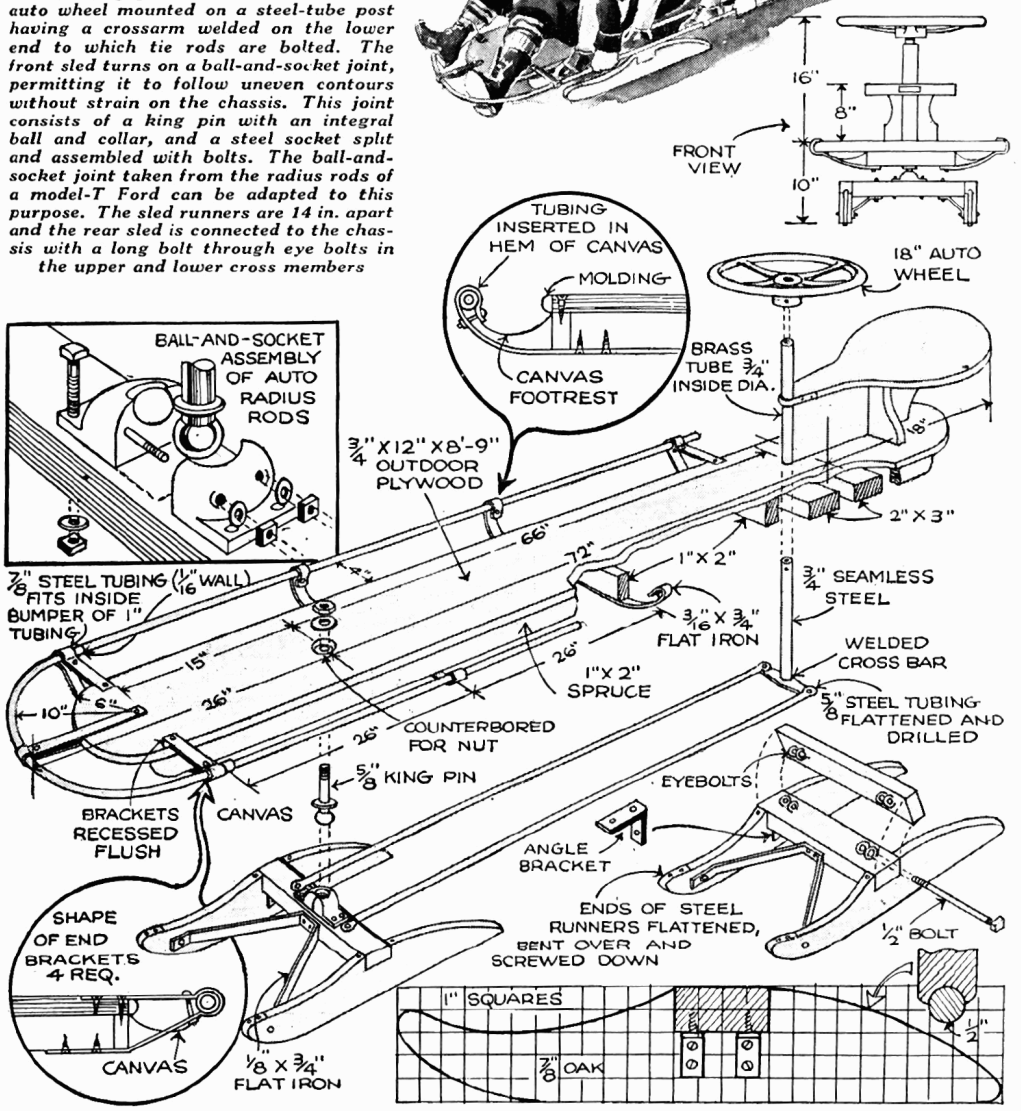
"Payload" BOBSLED
has pilot's seat at rear

Steered from the rear, this sled has more room than the conventional type of the same size, as space forward, which ordinarily would be occupied by the steering gear, is utilized for a passenger. Also, this design permits placing the sleds closer together, which makes steering easier, and the pilot has a clear view over the heads of the passengers. Construction is relatively light without sacrifice of strength. The steering gear consists of a standard auto wheel mounted on a steel-tube post having a crossarm welded on the lower end to which tie rods are bolted. The front sled turns on a ball-and-socket joint, permitting it to follow uneven contours without strain on the chassis. This joint consists of a king pin with an integral ball and collar, and a steel socket split and assembled with bolts. The ball-and-socket joint taken from the radius rods of a model-T Ford can be adapted to this purpose. The sled runners are 14 in. apart and the rear sled is connected to the chassis with a long bolt through eye bolts in the upper and lower cross members