

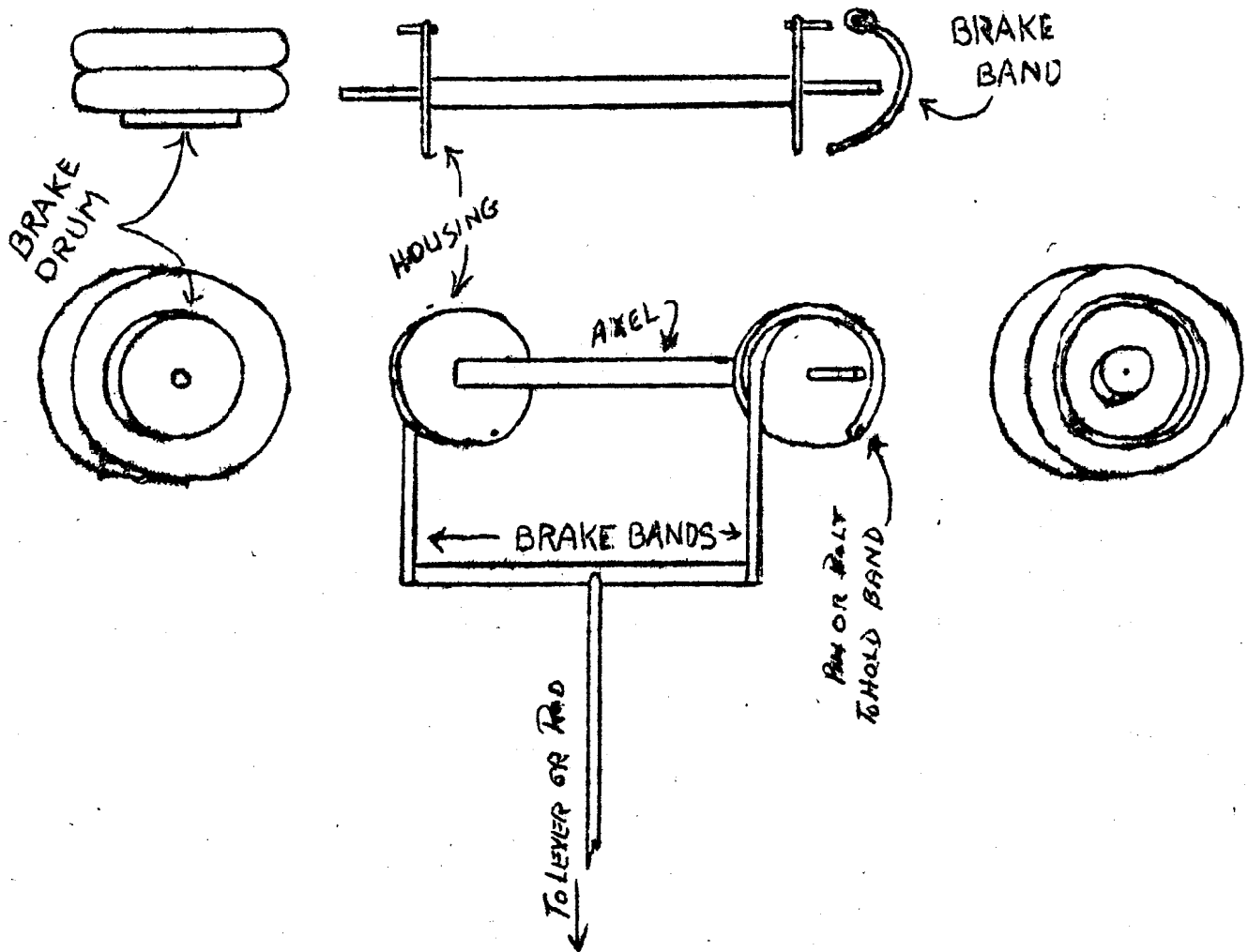
WORKING BRAKES FOR WAGONS WITH DUAL WHEELS

By Harry Chalfant

Wagons with dual pneumatic wheels can have working brakes by using this simple application of the simplest form of the "brake drum." The brake drum is made of dowel and fastened to the back side of the rear duals. Method of attaching will depend on the kind and type of rubber wheels being used.

The balance of the workings is on the axle. A simple "brake housing" is achieved with two pieces of flat metal having a peak. Attach the brake housings against the axle body. This is readily accomplished on wagons with baggage gears by fastening the brake housing to the axle board. Wagons with spring gear required the housing to be attached direct to the axle with an angle iron.

In the peak of each housing piece a hole is required for holding the "brake band." A small bolt or pin will serve this purpose. Shape the brake bands then to fit the drums neatly and assemble. Brake bands need to be carefully shaped to avoid dragging and to let the wheels roll free when the brake is released.



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Circus Model Builders

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