

Oct. 17, 1933.

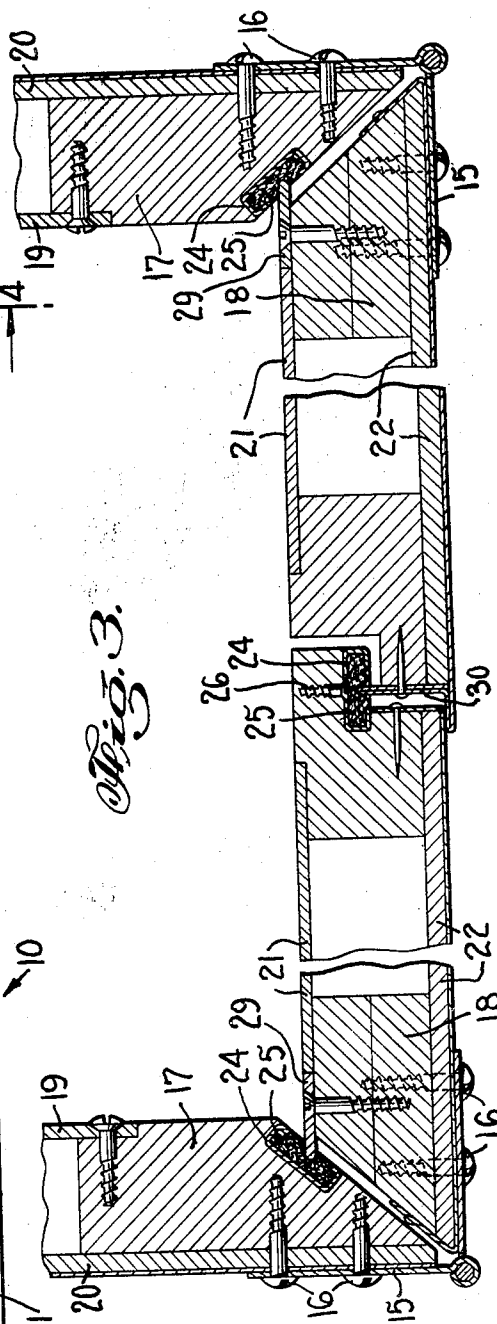
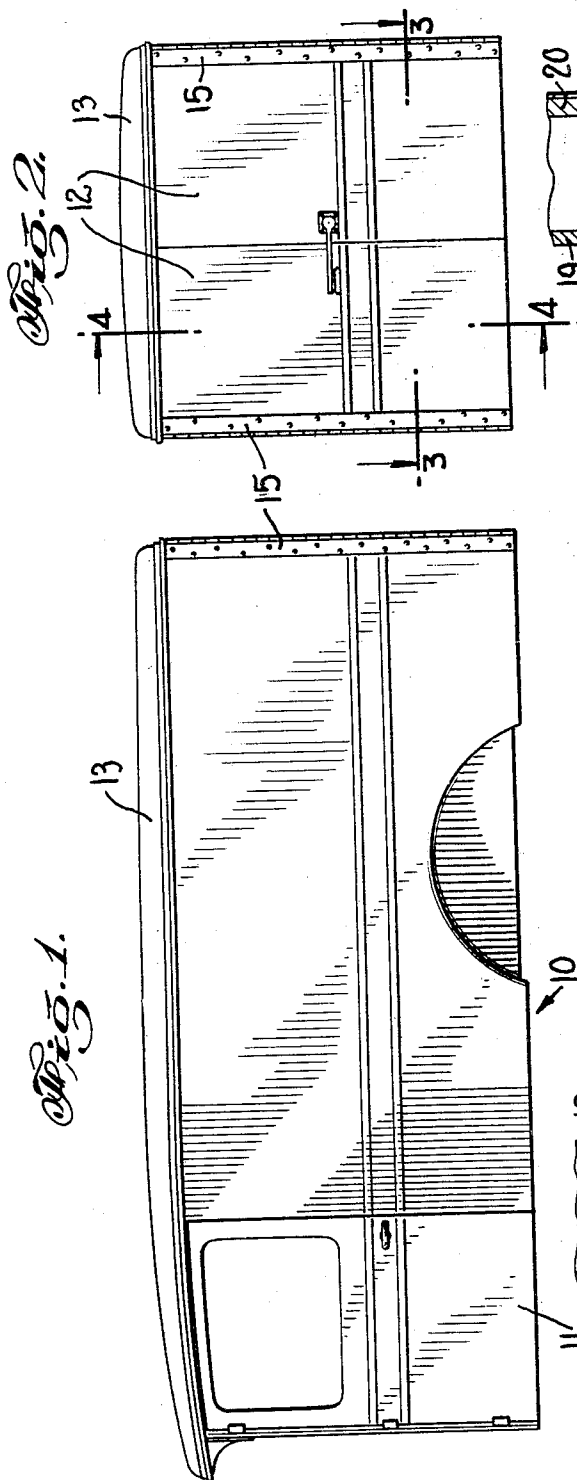
H. H. WESSLING

1,930,635

TRUCK BODY

Filed Feb. 29, 1932

2 Sheets-Sheet 1



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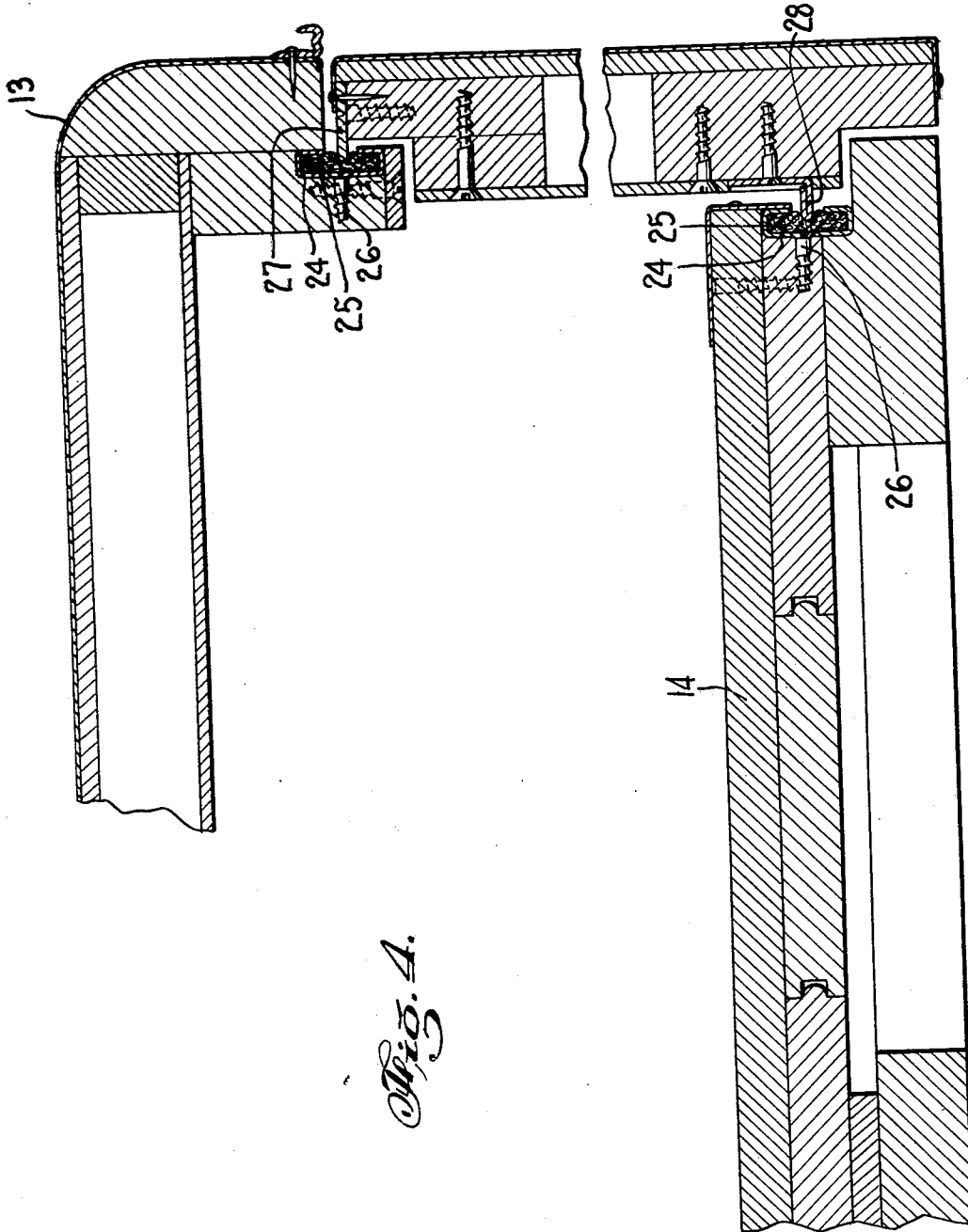
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TRUCK BODY

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2 Sheets-Sheet 2



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TRUCK BODY

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Application February 29, 1932. Serial No. 595,771

2 Claims. (Cl. 296—106)

This invention relates to trucks and more particularly to insulated truck bodies, and it is an object of the present invention to provide an insulated body adapted to be used for the transportation of baked goods and the like, and keep the same properly insulated as well as sealed to exclude dust and air.

It is a further object of the invention to provide a truck body having doors which are mounted in a manner to permit full utilization of the width of the body and which will properly seal when closed.

Further objects and advantages will be apparent from the following description taken in connection with the accompanying drawings, wherein,

Fig. 1 is a side elevation illustrating an application of the invention;

Fig. 2, a rear elevation;

Fig. 3, a section on the line 3—3 of Fig. 2;

Fig. 4, a section on the line 4—4 of Fig. 2.

Referring to the drawings, a truck body 10 is provided with cab doors 11, rear doors 12, a roof 13, and a floor 14. The doors 12 are connected by means of piano hinges 15 with the side walls of the truck body, such hinges being secured by any desired fastening means, as for example, screws 16 which penetrate the marginal frame members 17 and 18 of the side walls and doors respectively, the meeting edges of such frame members and doors being cut at angles of 45°, so that they fit together with the doors disposed at right angles to the sides as shown. The space between the inner and outer panels 19 and 20 of the side walls and 21 and 22 of the doors is filled with insulation and the floor is formed of double walls to increase its insulating value. A solid partition is provided at the rear of the driver's cab which is also an insulated wall.

The rear end of the truck is provided around the entire margin of the door opening with sealing means to prevent the circulation of air and to exclude dust or the like. This sealing means is formed of a metal channel 24 or trough filled with a resilient substance as for example sponge rubber 25. Each of the metal channels 24 is formed of a metal strip having its sides bent at right angles and inwardly in opposed relation at right angles with the inwardly extending portions terminating in spaced relation leaving a portion of the enclosed sponge rubber exposed so that it may be engaged by compression plates. The metal channel is secured in place by any suitable fastening means such as for example wood screws 26. This channel member 24 is located in a trans-

verse horizontal recess in the floor 14 and top members 13 and in a vertical recess in each oblique face of the side frame members 17 as shown. The doors are provided with overlapping portions or door lock posts in one of which is also provided a vertical recess or groove for reception of the metal channel 24.

The doors 12 are provided with compression members which comprise a flat strip or channel 27 at the top, angular channels 28 at the bottom, band plates 29 at the sides and angular plates 30 attached to the right hand door lock post for engagement with the soft material within the channels 24. This forms an annular tight fit so that air cannot pass and dust is excluded. The channels 24 filled with sponge rubber receive the metal compression members to form an intimate joint which can yield due to vibrations or the like encountered as the truck moves along the roadway, it being understood of course that the strips or channels press into the sponge rubber only when the door is closed.

It will be understood from the foregoing that a truck body is provided which has its entire rear end open and a pair of doors for closing such rear end, which doors and cooperating marginal edges of the truck body are provided with cooperating means for forming tight joints and a similar joint is also provided between the cooperating edges of the two doors whereby the contents of the truck may be kept in proper condition unaffected by exterior atmospheric conditions, and thus in winter the contents may be kept warm if desired, and in summer cool, at the same time the moisture content being kept uniform. Further the joints between the body and the doors are of a character to permit slight relative movement without breaking the seal, at the same time providing a noiseless and relatively inexpensive construction.

It will be obvious to those skilled in the art that various other changes may be made in the construction and arrangement of parts without departing from the spirit of the invention and therefore the invention is not limited to what is shown in the drawings and described in the specifications but only as indicated in the appended claims.

What is claimed is:

1. In truck body construction, wall structure having a loading opening, closure means for said loading opening, said wall structure and closure means being bevelled at each side of the loading opening and providing an unobstructed passage into the body when the closure means is in fully

open position, said wall structure and closure means being provided with cooperative resilient and rigid members arranged to form a seal for the joint, the first of said cooperative members being embedded and the second of said cooperative members being provided with a ledge disposed substantially in the plane of the inner surface of the wall and having a projection arranged to engage and compress said first cooperative member.

2. In truck body construction, wall structure having a loading opening, closure means for said loading opening, said wall structure and closure means having overlapping flanges provided with cooperative resilient and rigid members arranged to form a seal for the joint, the first of said cooperative members being embedded and the second of said cooperative members being provided with a plate on its surface having an edge extending beyond the outline of the second member adapted and in a manner to engage and compress said first cooperative member.

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