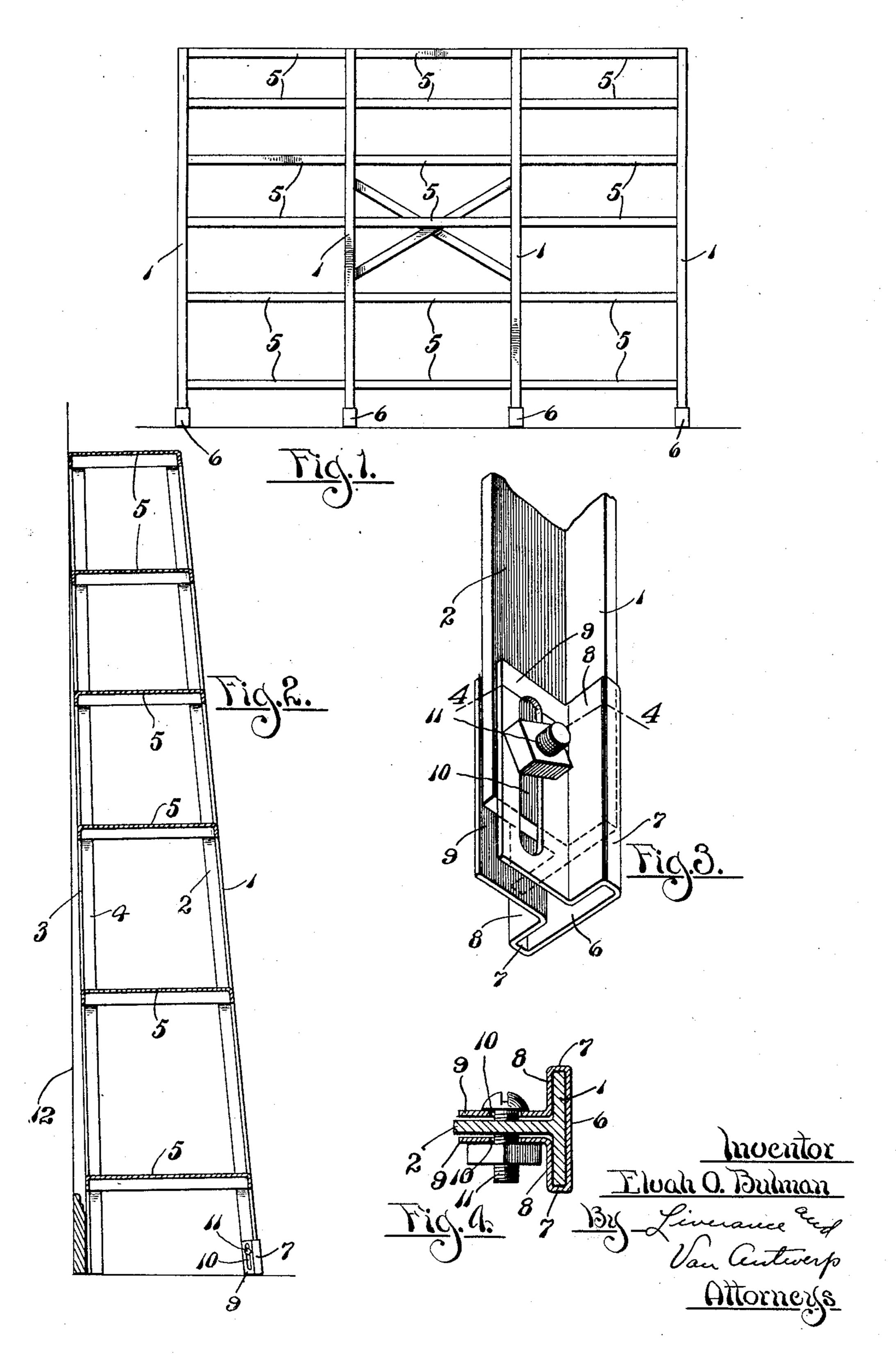
SHELVING APPLIANCE

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UNITED STATES PATENT OFFICE

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SHELVING APPLIANCE

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This invention relates to an appliance disposed at spaced apart distances. Said legs and adjustment of the shelving and for rear- decreased in width. wardly tilting the same. The rearward tilt- The appliance which is used in conjuncing which insures against any undesired for- tion with this shelving is formed from a ward tipping of the shelving when it is single length of sheet metal and bent to proweighted with merchandise is of advantage vide a front or face section 6 from which 70 for the reason that the shelving remains a narrow sections 7 are bent rearwardly and detached fixture and does not become a part then turned inwardly, providing other secof the realty, which condition occurs upon se- tions 8 which extend toward each other and curing the shelving to the wall of the store are parallel to the face 6, terminating in to which it is placed.

attainment of the ends stated may be had over the lower end of any of the supporting from the following description taken in con- legs of the shelving and embrace the T-bar

tion connected thereto.

through the shelving, the view being some- equipped with a nut which may be loosened 85 what enlarged and illustrating the rearward or tightened in the usual manner. tilting of the shelving through the attach- When the appliance described is placed ment of said appliances.

tive view showing the manner in which the loosened, it may be adjusted to different posi- 90 appliance is adjustably and yet securely at- tions within the range permitted by the porting leg of the shelving, and

Fig. 4 is a horizontal section on the line 45 4—4 of Fig. 3, the section being taken im-

mediately above the securing bolt.

Like reference characters refer to like parts in the different figures of the drawing.

In the construction of the shelving, front and rear legs for supporting the same are

adapted to be attached to shelving construc- are preferably of T-bar form the front legs tions, both for the purpose of properly level- having front flanges 1 and rearwardly or ing the shelving should a floor on which it inwardly extending tongues 2 integral with stands be uneven or depressed at certain por- the flanges 1, while the rear legs are reversed 55 tions below that of others, and for tilting the in position, the flanges 3 being at the rear shelving to the rear to insure against its tip- and the tongues 4 extending forwardly. A ping forward at any time and at the same plurality of sheet metal shelves 5 are distime eliminate any necessity of permanently posed in spaced relation between the various securing the shelving to the wall. More spe- pairs of supporting legs in the length of the 60 cifically, it is an object and purpose of the shelving which is to be installed, and are sepresent invention to provide a simple, readi- cured to the legs in any desired and suitable ly attached and quickly and easily adjust- manner. Preferably the front and rear legs able foot-member to the legs of shelving con-struction for securing the proper leveling and the upper shelves are correspondingly 65

inwardly bent parallel flanges 9. This pro- 75 An understanding of the invention for the vides a foot-member which may be slipped nection with the accompanying drawing, in form thereof, as fully shown in Figs. 3 and 4. The flanges 9 are formed with elongated ver- 80 Fig. 1 is a front elevation of a section of tical slots 10 and a bolt 11 is passed through shelving having the appliance of my inven- the tongue or web 2 near the lower end of each of the front supporting legs of the shelv-Fig. 2 is a transverse vertical section ing, passing through the slots 10 and being

over the lower end of a supporting leg of Fig. 3 is a fragmentary enlarged perspect the shelving and the nut on the bolt 11 is tached in position at the lower end of a sup- length of the slots 10. On tightening the nut the two flanges 9 are drawn toward each other and toward the opposed sides of the tongue 2. In practice the distance between 95 the inner sides of the flanges 9 is greater than the thickness of the tongue 2 so that when the nut is tightened the appliance is clamped snugly against the front face portion 1 and will remain in any position to which it has 100 been adjusted even though the weight of merchandise on the shelving is of a considerable amount.

It is evident that an appliance of this kind 5 may be placed at the lower end of all of the front supporting legs of the structure, and of course, they may also be placed at the lower end of the rear legs if it is necessary. It is desirable many times that the lower end 10 of all of the legs be supplied with the appliances in order to adjust the same to conform with irregularities or unevenness in the floor, and to locate the shelves 5 in substan-

tially horizontal or lever position. 15 It is particularly desirable that the appliance at the lower ends of the front legs of the structure shall be adjusted so as to tilt the shelving to the rear and bring the upper rear portion of the shelving snugly against 20 the wall, the line of which is indicated at 12 of Fig. 2. The shelving thereupon engages frictionally with the wall at its upper rear portion and there is no danger of its changing position after it has been properly in-25 stalled, nor will it tilt forward no matter how the merchandise may be located on the shelves. This result is attained without the necessity of fixing the shelving to the wall of the store so that the shelving remains a re-30 movable fixture and does not become a part of the real estate, and may be moved from the store should any change in location take place, the shelving remaining the property of the storekeeper and not becoming the prop-

35 erty of the owner of the building. The description described is simple from the manufacturing standpoint, is easily attached and adjusted, but serves the purposes for which it is designed in a particularly sat-40 isfactory manner. The invention is defined in the appended claims and is to be considered comprehensive of all forms of structure coming within their scope.

I claim:

1. In combination with a supporting leg T-shaped in cross section, of a foot member formed of sheet metal to embrace and slidably engage the lower end of the leg and including spaced apart flanges located one at each side of the web of said leg, each of said flanges having an elongated slot therein, and a bolt passing through said slots and the web of said leg to draw said flanges toward said web and clamp the foot member tightly upon 55 the leg in any position to which adjusted.

2. In combination with a supporting leg T-shaped in cross section and having a hole near one end through its web, of an adjustable foot-member comprising an integral 60 plate of sheet metal bent into form to provide a face section, two edge sections bent at right angles from the vertical edges of the face section and extending therefrom for a short distance, and then bent inwardly 65 toward each other and parallel to said face

section and terminating in two spaced apart flanges located at right angles to said face section, each of said flanges having an elongated vertical slot therein, said slots being adapted to be in alinement with the hole 70 through the web of the leg and said flanges adapted to be slightly spaced from the web of said leg and bolt means extending through said slots and hole for the purpose described.

In testimony whereof I affix my signature. 75 ELVAH O. BÜLMAN.

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