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## AV equipment shelving

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# AV equipment shelving

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# AV equipment shelving

IPD #202006257

## ABSTRACT

This invention pulls back equipment, to take up less space, while orienting the equipment upward to make it easier for the remote control to “see”. This invention is meant to reduce how far the AV equipment protrudes into the floor space. By tilting the equipment upward, the horizontal distance into the room is reduced. This invention can be used with flush mounted "in wall systems" to keep the AV equipment (DVD player, cable box, games console or streaming device) from sticking out into the room and maintaining the "flush to the wall" appearance

## BACKGROUND

This invention provides an improvement to “in wall” entertainment systems.

## DESCRIPTION

This invention pulls back equipment, to take up less space, while orienting the equipment upward to make it easier for the remote control to "see". This invention is meant to reduce how far the AV equipment protrudes into the floor space. By tilting the equipment upward, the horizontal distance into the room is reduced. This invention can be used with flush mounted "in wall systems" to keep the AV equipment (DVD player, cable box, games console or streaming device) from sticking out into the room and maintaining the "flush to the wall" appearance

Referring to the figures on the proceeding pages. Figure 1. Illustrates canted shelving for use with an entertainment system that is flush mounted into a wall. Note that the AV shelving, illustrated in Figure 2, may be motorized or manual to adjust the shelf angle. Figure 3. Provides a side view of the shelf assembly that illustrates a two-piece slider rail (left and right) that has stops to prevent the shelf from sliding out too far; a slot to hold the shelf in position; a rotating hinge (left and right) that has a stop for the extended shelf position; outer and inner railings, and a peg attached to cabinet wall that provides support. Lastly, Figure 4. Illustrates cross rails placed in the inside of the front and back feet of the electronic item prevent it from sliding around. For items which are small or very low the rails can be placed in front and behind the item. In other cases, two side tape can be used to anchor the item in place. For the cross rails, small set screws clamp the rail in place.

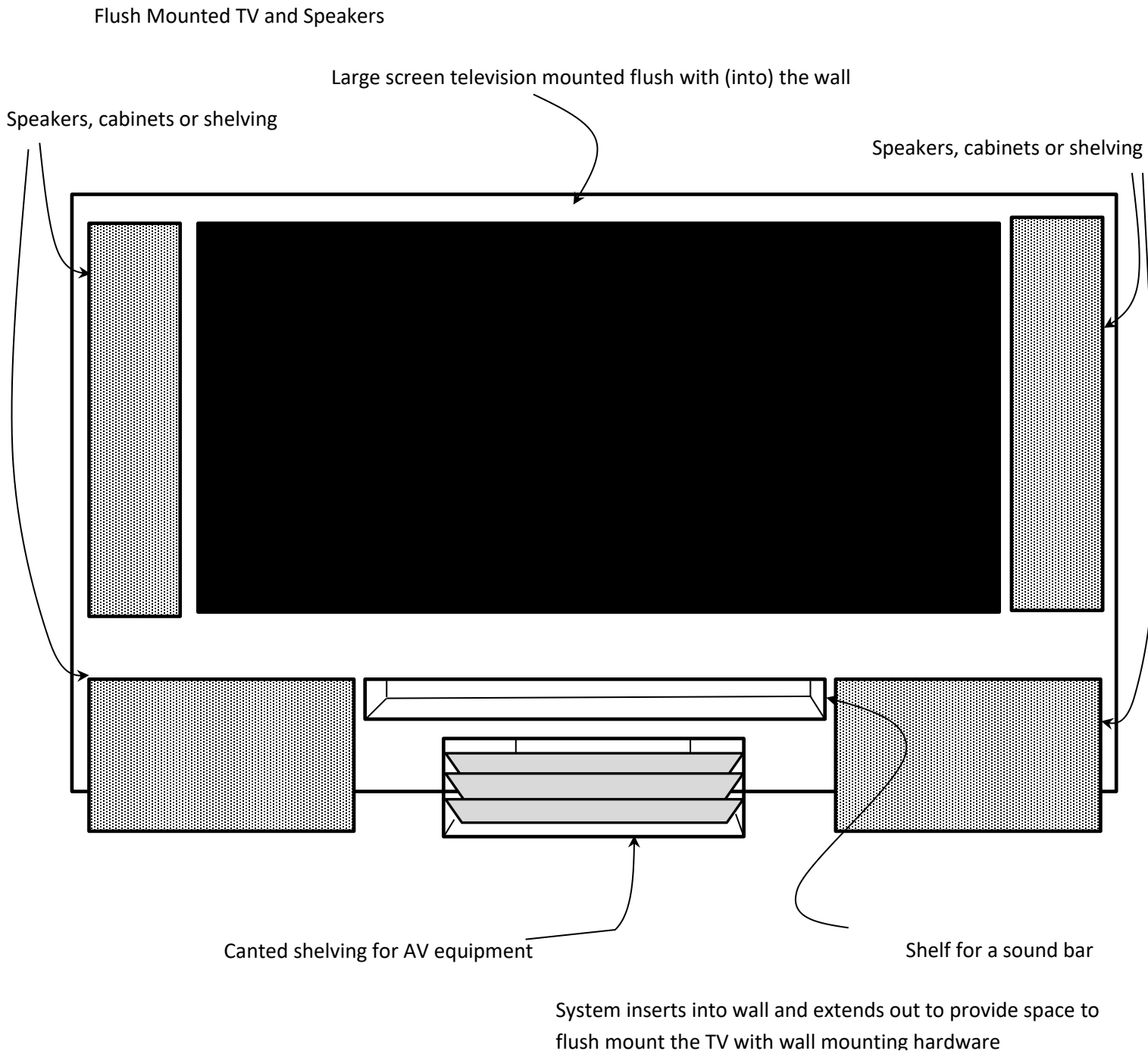
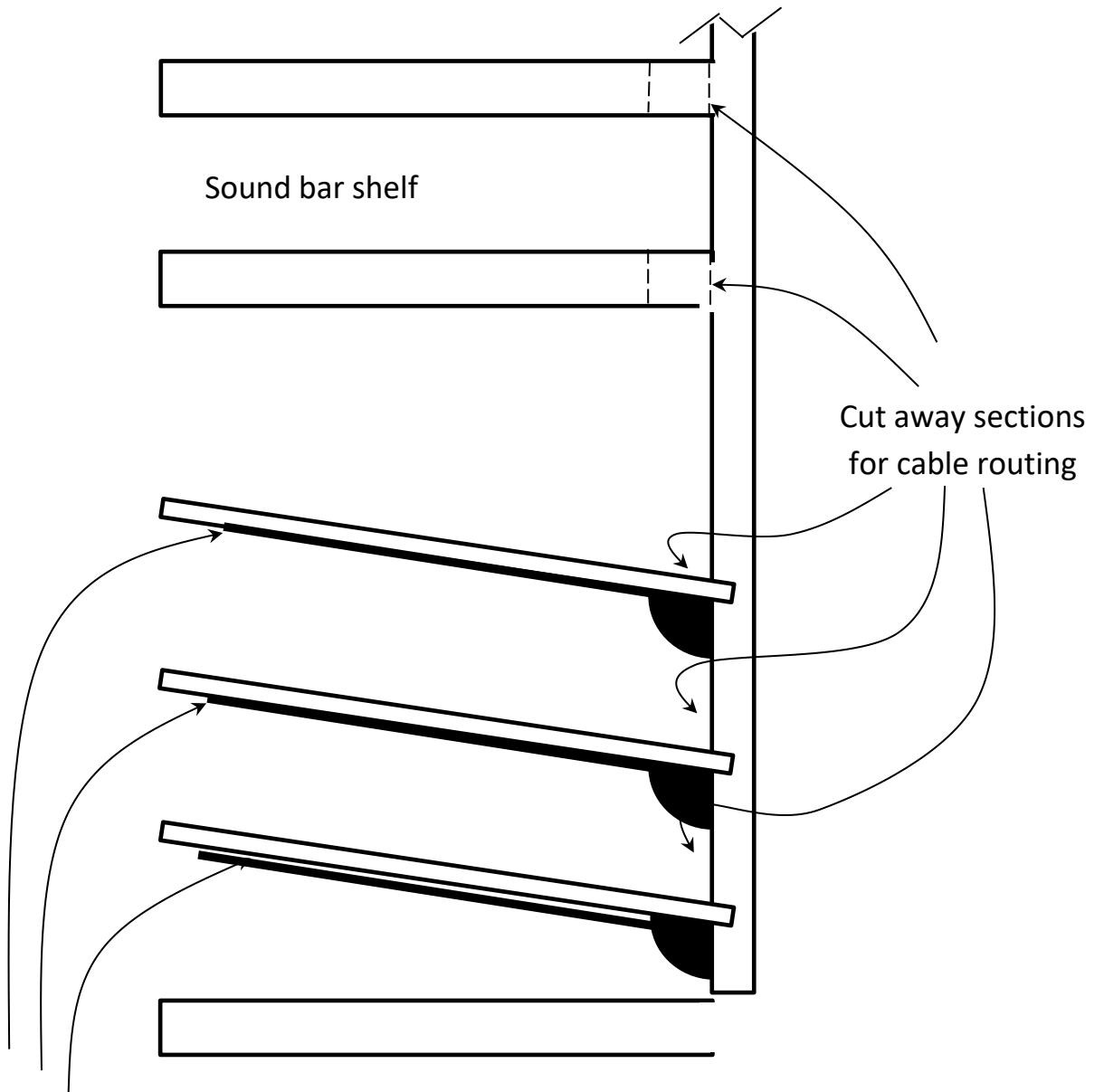


Figure 1. Canted shelving for use with an entertainment system that is flush mounted into a wall



See slide out assembly figure 3 for details

Figure 2. Note that the AV shelving may be motorized or manual.

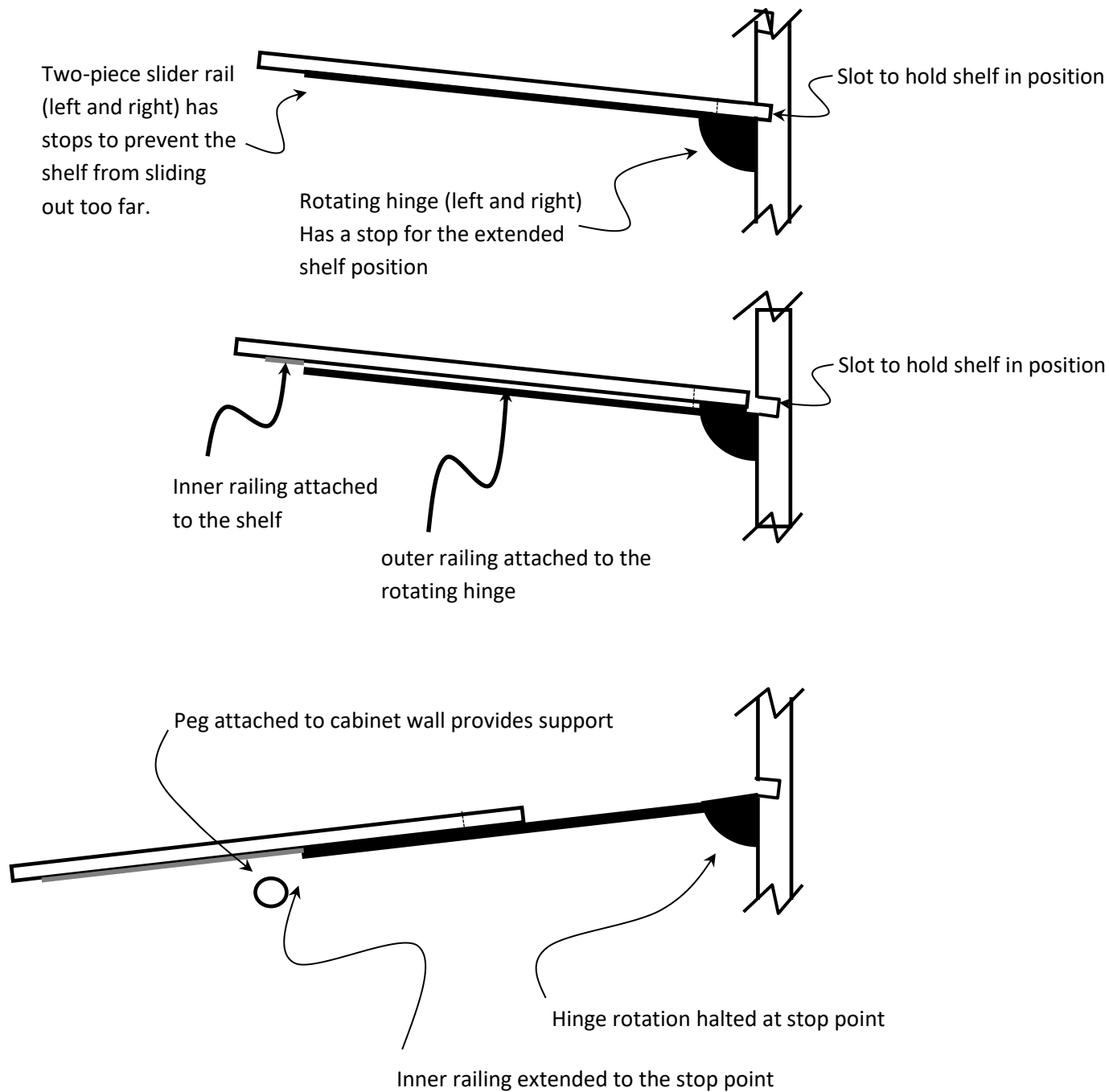
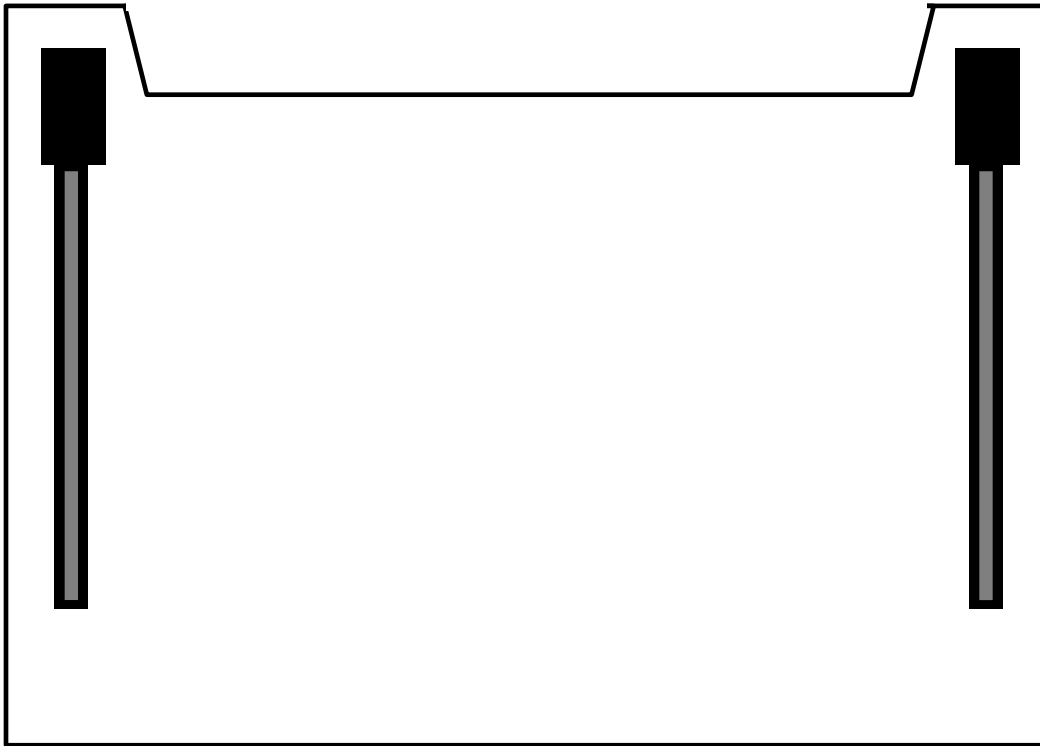


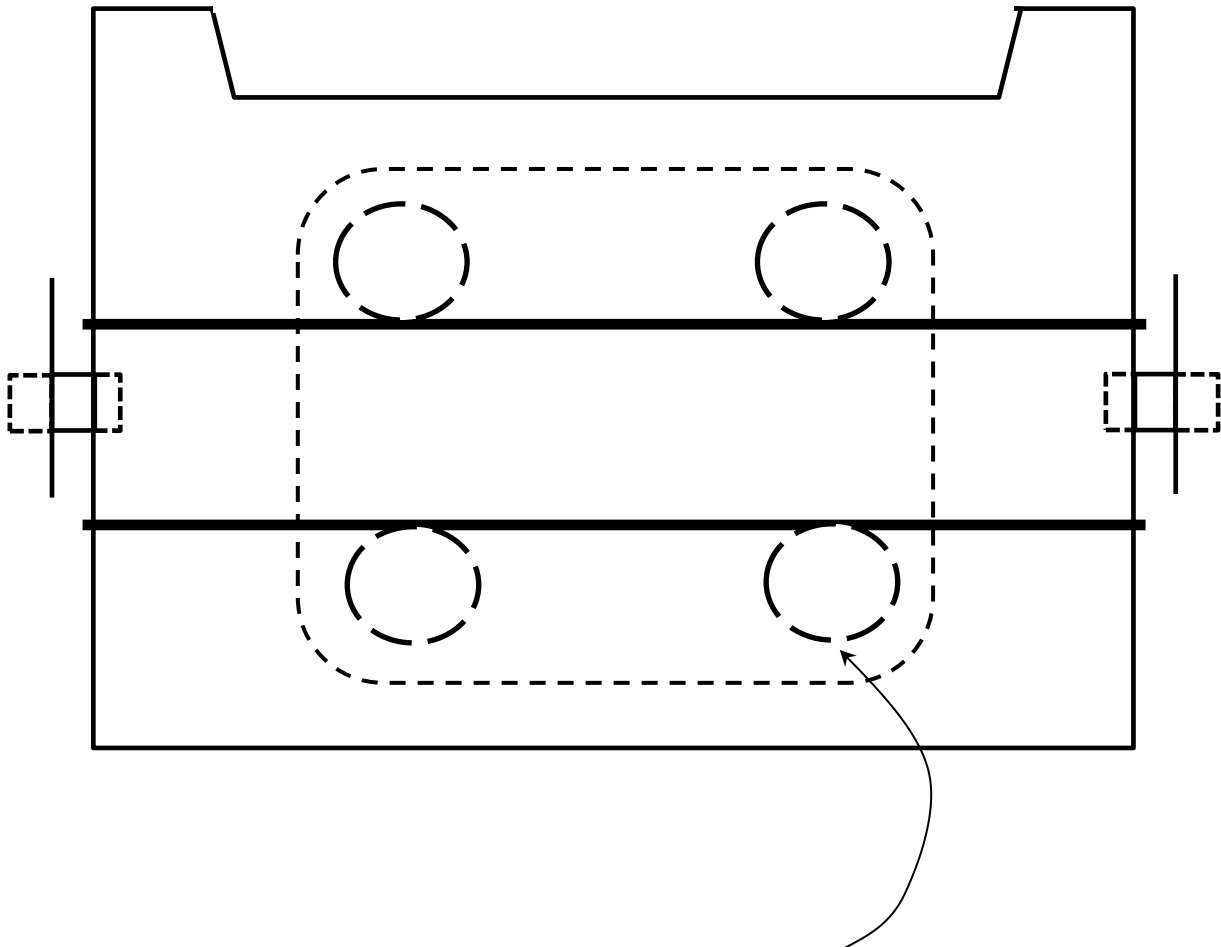
Figure 3. Side view of shelf assembly



Top view of shelf assembly







Two-sided tape may also be used to secure the feet to the shelf

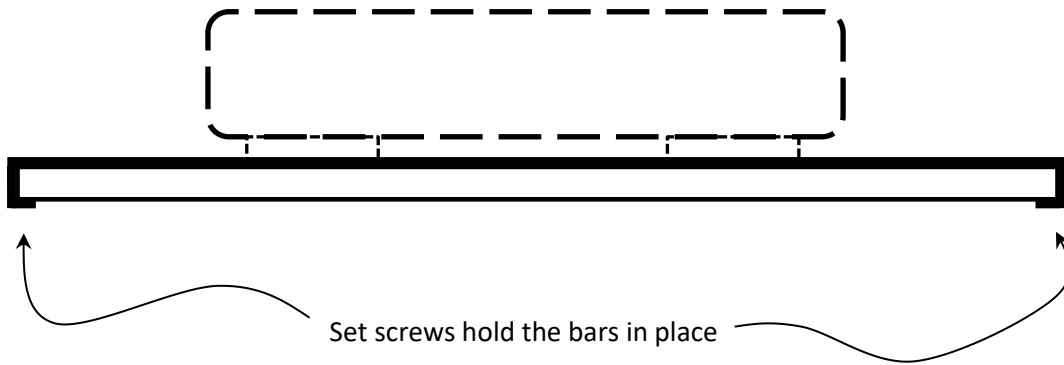


Figure 4. Cross rails placed in the inside of the front and back feet of the electronic item prevent it from sliding around. For items which are small or very low the rails can be placed in front and behind the item. In other cases, two side tape can be used to anchor the item in place. For the cross rails, small set screws clamp the rail in place.