To all whom it may concern:

Be it known that I, LOUIS APPUGLIESE, a subject of the King of Italy, residing at 257 Railroad avenue, Jersey City, New Jersey, have invented certain new and useful Improvements in Catch Devices for Crib-Gates and the like, of which the following is a clear, full, and exact description.

This invention relates to a catch device for crib-gates and the like, and has for its object the improved efficiency and cheapening of such devices.

A further object is to provide a device which is more convenient and simple in operation than the usual device of this character.

Referring to the drawing which shows a preferred embodiment of my invention, Figure 1 is a perspective view of a crib with the device attached thereto; Fig. 2 is a sectional detail of said crib along line 2–2 of Fig. 1; Fig. 3 is a detached perspective view of the hook member; and Fig. 4 is a detached perspective view of the tongue member.

Referring more particularly to the drawing, 1 indicates a crib of ordinary form having the usual side gate 2 mounted to slide vertically on rods 3 for opening and closing the side of the crib in the well-known manner. For the purpose of holding the crib-gate in its elevated position, I have provided a catch device preferably constructed as follows: Upon the lower rail 4 of the crib gate is preferably mounted a hook or catch member 5 on a pivotal stud 6, the pivotal bearing of the hook 5 being substantially larger than the pivotal stud 6 so as to be loose enough to allow the hook member to swing as on a universal joint in different planes, one longitudinally of the crib rail and one transversely thereof. The hook 5 has a depending lower end 7 serving as a throw-off arm, and this depending end 7 is sufficiently weighted to normally hold the hook 5 vertically as shown in Fig. 3 so as to be in a position ready to engage its co-acting catch-member 10 hereinafter described.

Upon the stationary ledge or side bar 9 of the crib frame is preferably fixed a tongue or catch member 8 adapted to co-act with the hook 5 in holding the crib-gate elevated. Adjacent the tongue 8 and preferably toward the inside of said crib is preferably provided a guard plate 10 also fixed to the side bar 9 of the crib, which serves to keep the mattress or clothing within the crib away from the tongue 8 so as to leave the same free for engagement with the hook 5.

In operation, when the crib-gate is raised to a sufficient height, the hook 5 engages with the tongue 8, as shown in Fig. 2, for holding the gate elevated. The gate may be released by throwing the lower end 7 of the hook 5 in either direction longitudinally of the crib. This may be conveniently performed by the foot of the operator and if it is desired to lower the crib-gate gently, only one hand is required for checking its descent. Thus it will be observed that in raising the crib-gate one hand is left free and in lowering the same either one or both hands may be left free for other service. The loose pivot of the hook 5 allows it to swing in a plane transversely of the crib when passing upwardly over the end of tongue 8, and likewise allows the hook 5 to be swung in a plane longitudinally of the crib for disengaging the same from tongue 8. In other words, the catch members 5 and 8 have a movement relative to one another in two different planes for being engaged and disengaged.

The simplicity, convenience and utility of this device will become apparent when it is observed that the device automatically latches itself when the crib-gate is lifted, and may be unlatched by a single slight movement in either direction of the hook 5.

I wish the following claims to be understood as including all equivalent and immaterial variations of my device as herein particularly shown and described.

What I claim is:

1. The combination with a vertically movable gate and a stationary ledge, of a device for holding said gate in elevated position comprising coacting catch members one mounted on said gate and one mounted on said ledge, said catch members arranged to have a swinging movement relatively to one another in different planes, the movement in one plane causing said members to become engaged and the movement in the other plane causing said members to become disengaged, and means for holding said catch members normally in position to become engaged when moved toward one another.

2. The combination with a vertically movable gate and a stationary ledge, of a de-
vice for holding said gate in elevated position comprising coacting catch members one mounted on said gate and one mounted on said ledge, said catch members arranged to have a swinging movement relatively to one another in different planes, the movement in one plane causing said members to become engaged and the movement in the other plane causing said members to become disengaged.

3. The combination with a vertically movable gate and a stationary ledge, of a device for holding said gate in elevated position comprising coacting catch members one mounted on said gate and one mounted on said ledge, one of said catch members being a fixed tongue and the other of said catch members being a hook having a pivotal mounting with a bearing substantially larger than the pivot thereof so as to loosely swing thereon in different planes for becoming engaged and disengaged from said fixed tongue.

4. In a crib in combination, a vertically movable side gate and a stationary ledge, a device for holding said gate in elevated position comprising a tongue fixed to said ledge and a hook pivotally mounted on said side gate for a swinging movement in different planes, the movement of said hook in one plane forward and back of said tongue causing said hook to pass over said tongue in engaging the same, and the movement of said hook in another plane causing said hook to swing sidewise of said tongue so as to be disengaged therefrom, said hook having a weighted lower end so as to be normally held by gravity in position to engage said tongue when moved toward the same.

Signed at New York city, N. Y., this 23rd day of May, 1914.

LOUIS APPUGLIESE.

Witnesses:

N. G. Groff,

Wm. N. Buncey.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."