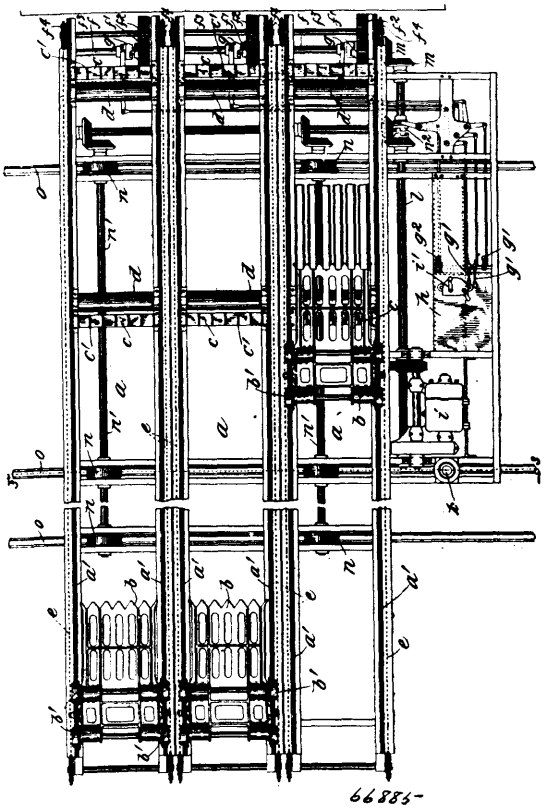
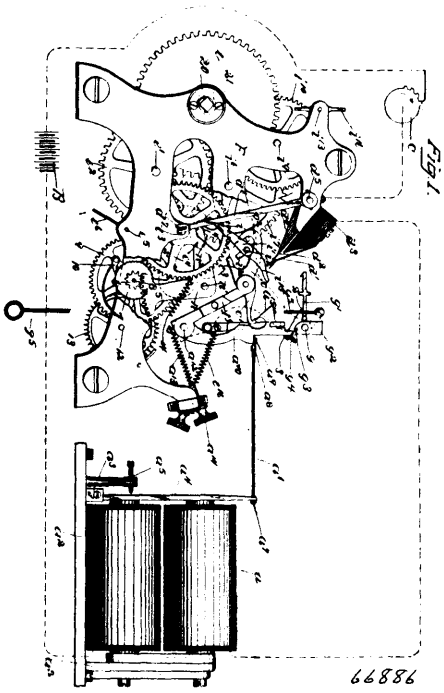
and to travel longitudinally along said table, means for causing said pushing mechanism to perform its excursion along said table,



whereby all of the aforesaid rails upon said table may be charged by one excursion of said pushing mechanism, a travelling carrier adapted to support and carry at one time a number of rails, and means for causing said travelling carrier to deposit such number of rails all together upon said table, substantially as described. 4th. In a charging machine, the combination with frame work forming a number of sections or tables, each of said sections being adapted to support a number of rails, of pushing mechanism associated with each of said sections and adapted to engage and charge a number of rails therein, and means for causing said pushing mechanism to perform its excursion, substantially as described. 5th. In a charging machine, the combination with a table, said table consisting of a number of sections or smaller tables, each of said sections or smaller tables being adapted to support a number of rails, of pushers associated one with each of said sections, each of said pushers being adapted to engage all of the rails upon its section, means for causing any one of said pushers to perform its excursion along the section with which it is associated, a travelling carrier associated with said charging machine adapted to support and carry a number of rails at one time, and means for causing said travelling carrier to deposit such number of rails upon either of said sections, substantially as described. 6th. In a charging machine, the combination with frame work forming a number of sections or tables, each of said sections being adapted to support a number of rails, a pusher associated with each of said sections and adapted when actuated to charge a number of the rails upon its section, a driving shaft, and motor mechanism assseiated therewith for rotating the same in either direction, and means for connecting said driving shaft with either of said pushers, whereby either of the latter may be caused to travel backward and forward along the section with which it is associated, according to the direction of rotation of said driving shaft, substantially as described. 7th. The combination with a charging machine having a table adapted to support a number of rails and to permit a number of such rails to be charged by one operation, of pushing mechanism adapted to engage and charge a number of rails at one time, a travelling carrier associated with said charging machine for transparting rails thereto, an electro magnet associated with said travelling carrier, said electro magnet having pole pieces adapted simultaneously to engage a number of rails, thereby constituting an electro magnetic grapple, a source of electric current, and means for connecting the same with said electro magnet and disconnecting the same therefrom, substantially as described.

No. 66,886. Telegraph Repeater.

(Télégraphe à répétition.)



The Gamewell Fire Alarm Telegraph Company, New York City, New York, U.S.A., assignee of Frederick William Cole, 3rd April, 1900; 6 years. (Filed 17th November, 1899.)

Claim.—1st. In a repeater, a train, a locking lever therefor, a series of operating levers, one for each circuit connected with the repeater, movement of any one of which will operate said locking lever to release the train, independently movable locking devices, one for each operating lever, a locking out train adapted to co-operate with said locking devices when in their normal positions, and means for moving any of said locking devices from its normal position, to a position in which it cannot be operated by said locking out train, substantially as described. 2nd. In a repeater, a train, a locking lever therefor, a series of operating levers, one for each circuit connected with the repeater, movement of any one of which will operate said locking lever to release the train, independently movable locking devices, one for each operating lever, a locking out train, in the path of movement of which said locking devices are normally held by engagement with said operating levers, any one of said locking devices automatically moving from its normal position to a position in which it cannot be operated by said locking out train upon the operation of its corresponding operating lever, substantially as described. 3rd. In a repeater, a series of operating levers, one for each circuit, connected with the repeater adapted to respond to changes therein, a repeating train and a locking out train controlled by said repeating train, a locking device for each operating lever, having engaging portions for both the operating lever and the locking out train respectively, and adapted to be released by the first movement of the operating lever, and to thereafter move automatically to a predetermined position independently of the operating lever or locking out train, substantially as described. 4th. In a repeater, a series of operating levers, one for each circuit, connected with the repeater adapted to respond to changes therein, a repeating train and a locking out train controlled by said repeating train, a locking device for each operating lever having engaging portions for both the operating lever and the locking out train respectively, and adapted to be released by the first movement of the operating, and to thereafter move automatically out of co-operative engagement with said locking out train, substantially as described. 5th. In a repeater, a series of operating levers, one for each circuit, connected with the repeater, each having a stop a^{15}, and a projection a^{16}, a locking out train, a locking device for each operating lever, said locking devices being normally held by said stops a^{15}, in the path of engagement with said locking out train, which latter, when operated, moves them into engagement with said projections a^{16}, to thereby mechanically hold said levers, substantially as described. 6th. In a repeater, a series of operating levers, one for each circuit connected with the repeater, each having a stop a^{15}, and a projection a^{16}, a locking out train, a locking device for each operating lever, said locking devices being normally held by said stops a^{15}, in the path of engagement with said locking out train, which latter, when operated, moves them into engagement with said projections a^{16}, to thereby mechanically hold said levers, any one of which however is free to move out of said engaging position