

Sept. 10, 1935.

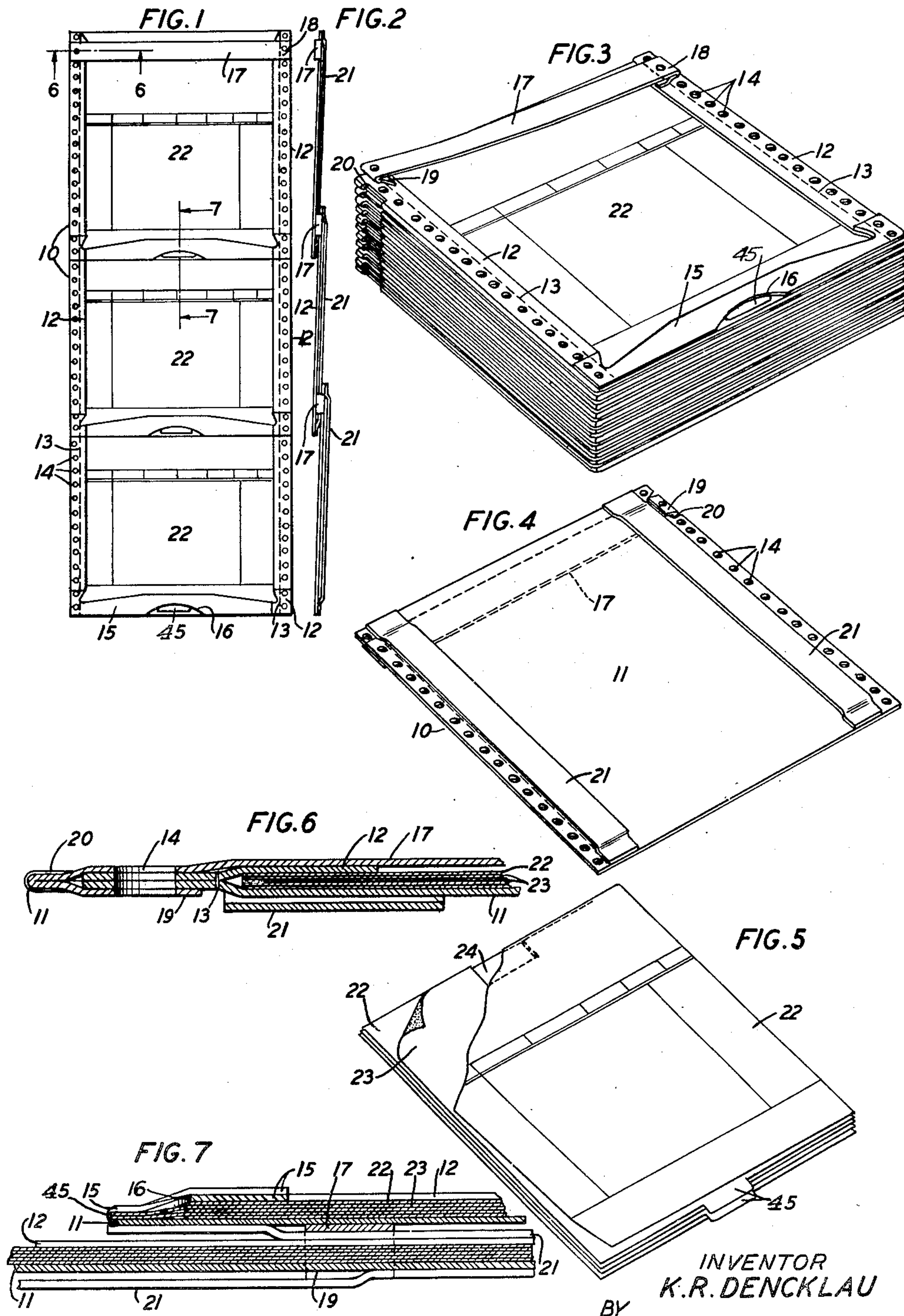
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2,014,104

SHEET FORM HOLDER

Filed June 22, 1934

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

FIG. 8

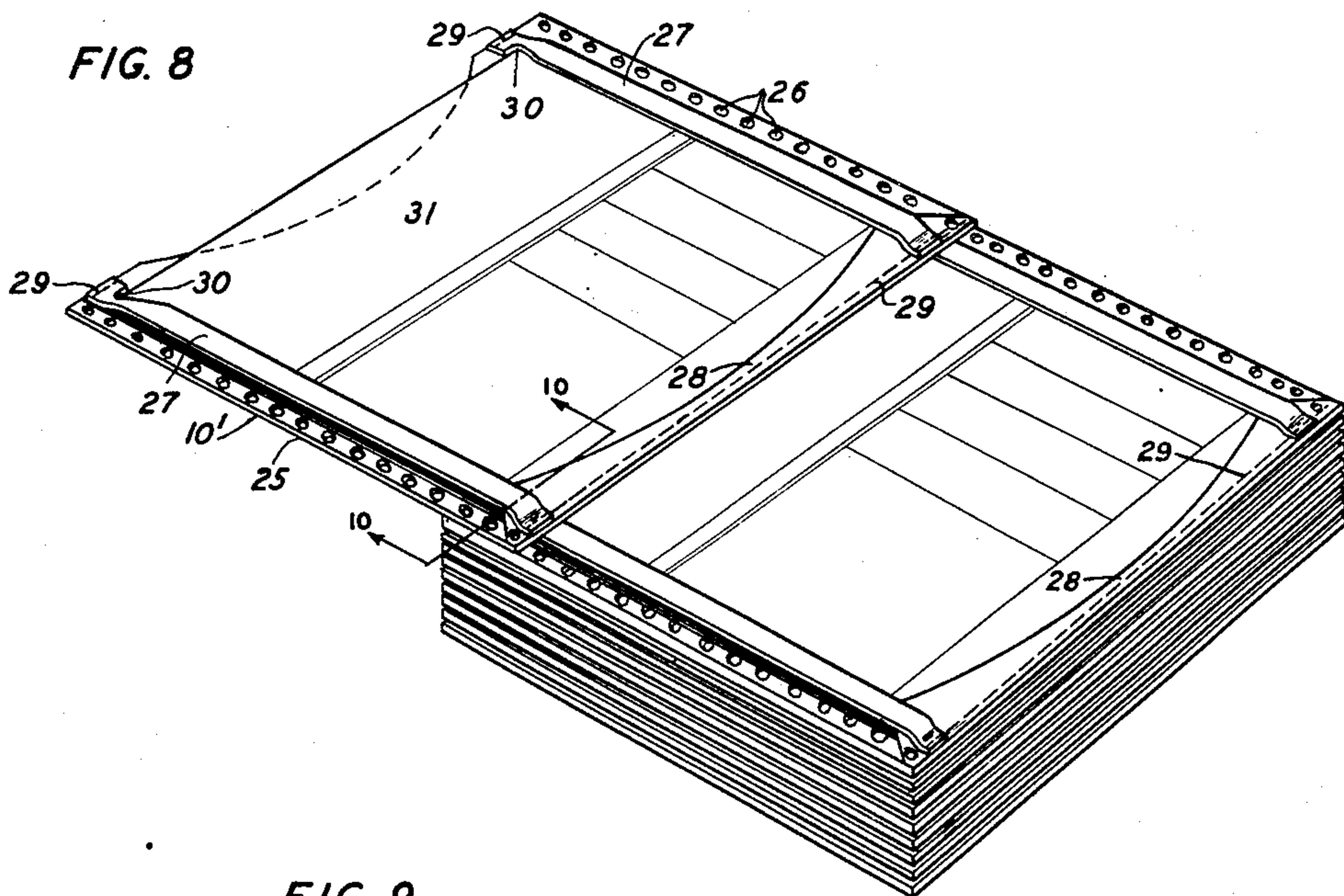


FIG. 9

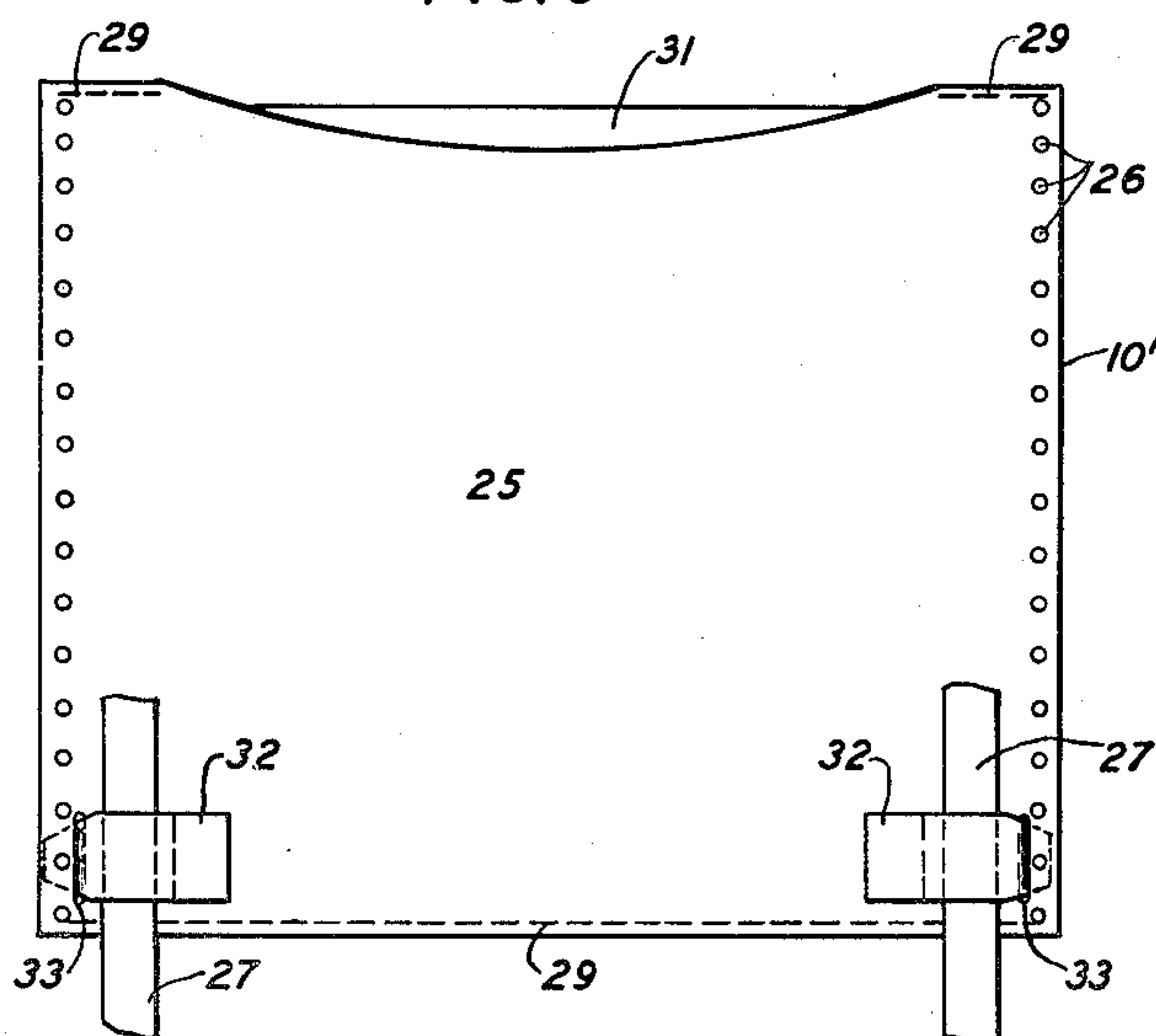


FIG. 11

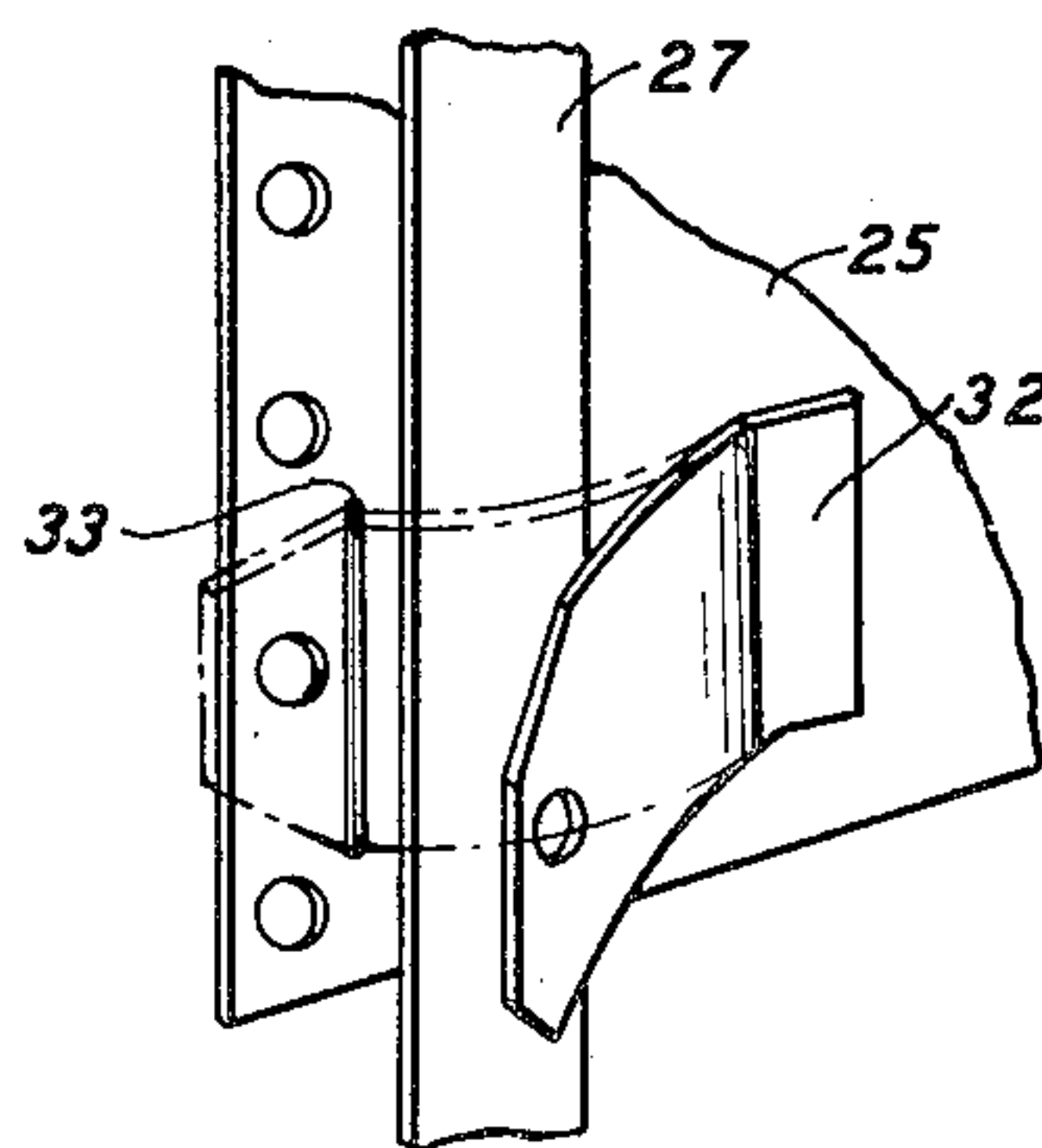
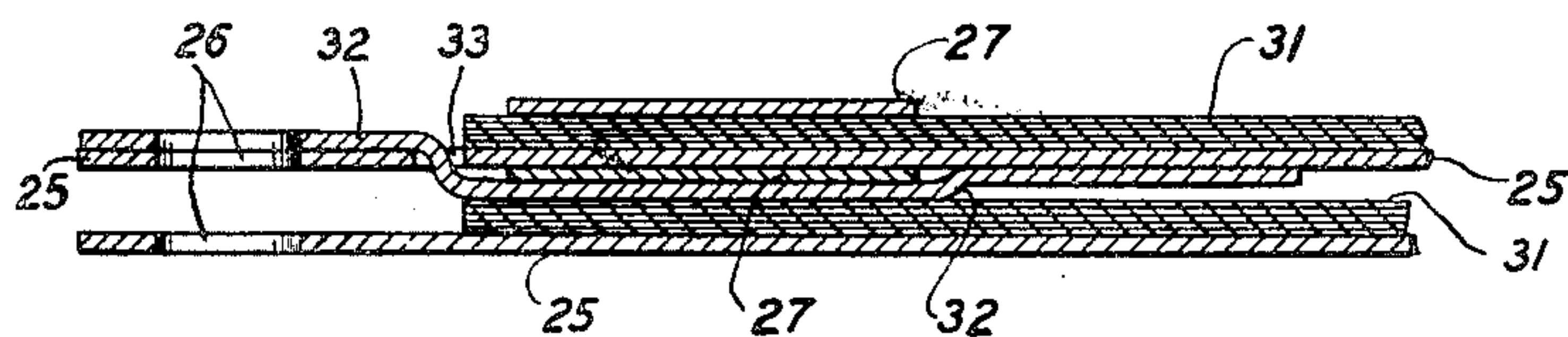


FIG. 10



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SHEET FORM HOLDER

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Application June 22, 1934, Serial No. 731,880

14 Claims. (Cl. 282—29)

This invention relates to improvements in sheet form holders for receiving and holding sheet forms interleaved with carbon sheets and which are adapted to be fed through a printing machine, such as a teletypewriter.

The primary object of the invention is to provide a plurality of sheet form holder units which may be normally arranged in stacked formation, one upon the other, but which may be slid relative to each other into overlapping strip formation to facilitate the continuous feeding of the units through a printing machine, such as a teletypewriter.

Another object of the invention is to provide a combined carbon sheet and sheet form holder in which the slidable holder units overlap each other when in their extended position; that is, the lower end of one unit overlies the top of the next adjacent unit. This feature requires but a slight feeding movement of the form strip in a teletypewriter to bring the top of a sheet to be typed into typing position after the completion of typing on the adjacent advanced sheet. This overlapping will not interfere with the space of a form sheet to be typed because such sheets are usually provided with a printed heading which in this instance is covered by the overlapping of the holder units.

Another object of the invention is the provision of an extensible form and carbon sheet holder in which the units forming the holder may be individually disconnected should it be desired for any reason to separate one of the units from the other.

A further object is to provide a plurality of slidably connected holder units which, when in their fully extended position, overlap each other so that the bottom edge of one unit overlies the upper edge of the next adjacent unit, and which not only produces a continuous feed strip, but also serves to hold the collated form sheets in a flattened condition within the holder units.

A still further object of the invention is to provide a carbon sheet and sheet form pack holder on one side of which are spaced parallel straps, while a releasable transversely disposed tongue is connected to the opposite side, whereby the tongue of one holder unit may be threaded through the straps of the next adjacent holder unit to slidably connect the holder units in link formation.

A still further object is the provision of a device of the character mentioned above which is simple and inexpensive of construction and in

which the collated sheets may be easily inserted or removed.

With these and other objects in view, the invention resides in the novel construction, combination and arrangement of the parts, the essential features of which are hereinafter fully described, are particularly pointed out in the appended claims, and are illustrated in the accompanying drawings in which:

Fig. 1 is a front elevational view of a plurality of form holder units in their extended position;

Fig. 2 is an edge elevational view of the same;

Fig. 3 is a perspective view of a plurality of holder units in their folded, or stacked, formation;

Fig. 4 is a perspective view of one of the holder units looking at the under side thereof;

Fig. 5 is a perspective view of a pack of form sheets interleaved with carbon sheets;

Fig. 6 is an enlarged fragmentary sectional view taken along the line 6—6 of Fig. 1;

Fig. 7 is a similar view taken along the line 7—7 of Fig. 1;

Fig. 8 is a perspective view of a modified form of my invention;

Fig. 9 is a bottom plan view of one of the holder units shown in Fig. 8;

Fig. 10 is a detail vertical sectional view taken along the line 10—10 of Fig. 8; and

Fig. 11 is a fragmentary perspective view illustrating the manner in which the releasable tongue of one holder unit connects with the flexible strap of the next adjacent holder unit.

Referring to the drawings by reference characters, and more particularly to the form of my invention shown in Figs. 1 to 7, inclusive, the numeral 10 designates one of the form holder units which comprises the flexible back piece or body 11 which is substantially rectangular in configuration, and of a size to accommodate the size of the form sheets to be held. The opposite side edges of the body 11 are folded inwardly to provide parallel side flaps 12, the same being secured to the body by lines of stitching 13. The stitching 13 is disposed inwardly of the inner edges of the side flaps to enable the form sheets and their interleaved carbon sheets to be inserted. Equidistantly spaced perforations 14 are provided in the flaps 12 and in the body 11 outside of the lines of stitching 13 for facilitating the feeding of the units 10 through a printing machine, such as a teletypewriter, which employs toothed wheels for accurately feeding the form strips through the machine.

A bottom end flap 15 is folded inwardly at one

end of the body 11 and is secured at its ends by the lines of stitching 13 in order to provide a pocket at the lower end of the body 11. The flap 15 is cut away as shown at 16 for a purpose to be subsequently explained.

Extending transversely at the top end of the body 11 is a releasable fastening strap 17, one end being fixedly secured, such as by an adhesive or by stitching 13, to one of the side flaps 12 as at 18 while the opposite end of the strap 17 is folded inwardly to provide a tab or tongue 19 which is adapted to underlie one of the edges of the body 11 as best seen in Fig. 4 of the drawings. The body 11 of the form holder is notched as at 20 adjacent to the top end thereof and on the side opposite to that to which the strap 17 is fixedly connected. This notch 20 is adapted to receive the looped free end of the strap 17 so as to dispose the same flush with the sides of the body 11 when the strap 17 is in its fastened position.

Spaced parallel flexible straps 21 are secured to the under side of the body 11 inward of the perforations 14 as is shown in Fig. 4. These straps 21 extend the length of the body 11. Due to the fact that only their opposite ends are in secured engagement with the body 11, the major portion of the strap 21 is left free of the body 11. These straps 21 are provided as guide strips for a purpose now to be explained.

In use, a plurality of the holder units 10 are adapted to be connected and joined by threading, or passing, the flexible strap 17 of one unit 10 between the parallel straps 21 and the body 11 of the next adjacent unit 10. After the strap 17 has been so connected with the straps 21, the free end of strap 17 (which has the tongue 19) is engaged with the adjacent edge of the body 11 by putting tongue 19 of the looped free end of the strap 17 into notch 20. When a plurality of these units 10 are so connected (as is shown in Figs. 1 to 3, inclusive), a structure is provided which permits the units 10 to be slid longitudinally with respect to each other. In other words, the units 10 may be slid into stacked formation, one upon the other (as shown in Fig. 3) and then by pulling outwardly upon the uppermost unit 10, it will slide to an extended position and will cause the other units 10 to be pulled from their stacked formation. When the units 10 are fully extended, as shown in Figs. 1 and 2, the lower end of one unit 10 overlaps the upper end of the adjacent unit 10 thereby producing a continuous form strip.

Insertible into each of the holder units is a combined form and carbon pack, as shown in Fig. 5 of the drawings, which consists of blank form sheets 22 interleaved with carbon sheets 23. The upper ends of the carbon sheets are notched as at 24 while the lower ends are provided with finger tabs, or extensions 45. The collated form pack is adapted to be inserted into one of the holder units 10 by sliding it through the open top end of the unit 10. The sides of the pack are disposed beneath the inwardly extending side flaps 12 while the bottom, or lower end, of the pack is slid beneath the bottom end flap 15 and has the extension tabs 45 exposed through the cut away portion 16.

When it is desired to disassociate the form sheets 22 from the carbon sheets 23 after they are positioned in a holder unit 10, such as after they have been typed upon, it is only necessary for an operator to grasp the tabs 45 with the fingers of one hand and exert a pull with the

fingers of the other hand upon that portion of the form sheets 22 which overlies the notches 24 in the carbon sheets 23.

In the event that it should become necessary to separate one or any number of the holder units 10 from a strip, it is only necessary to release the fastening strap 17 and disconnect it from the straps 21 of the next adjacent unit 10.

In Figs. 8 to 11, inclusive, I have illustrated a slightly modified form of my invention wherein each holder unit 10' is constructed of a substantially rectangular back piece, or body, 25 of tough flexible material and is provided with spaced perforations 26 adjacent to the opposite side edges of the body 25. Secured on the front side of the backing piece, or body, 25 and disposed adjacent and parallel with the side edges thereof are flexible straps 27 which extend the full length of the body 25 and have their opposite ends fixedly secured thereto, such as by stitching 29. An inwardly extending flap 28 is provided at the lower end of the body 25 and is fastened to the edge of the body 25, such as by stitching 29. The upper ends of the straps 27 have their inner edges notched as at 30 to facilitate the insertion of a combined carbon and form pack 31 beneath the straps 27, while the lower ends of the pack 31 are inserted beneath the flap 28.

Secured to the back of the body 25 adjacent to its lower end by any suitable means, such as by an adhesive or by stitching, are tongues 32, the free ends of which are adapted to be inserted through slits, or slots, 33 provided in the body 25. In this form of the invention, when connecting the holder units 10' together, the tongues 32 of one unit 10' are engaged with the straps 27 of the next adjacent unit 10' and are locked by their insertion through the slots 33. The same result is thus obtained in this modification of the invention as that described in connection with the preferred form of the invention.

It is to be understood that after a strip of these holder units 10 or 10' has been passed through a printing machine, such as a teletypewriter, the form and carbon sheets 22 and 23, or pack 31, are removed from the holder and the holder is refilled with new form sheets interleaved with carbon sheets. It is also to be understood that the form holders are disposed in stacked formation and automatically slide to their extended position during the process of feeding the strip through the printing machine. After passing through the printing machine, the form holders again assume a stacked position.

While I have shown and described what I deem to be the most desirable embodiments of my invention, various changes in construction may be resorted to, if desired, without departing from the spirit of the invention which is to be limited only by the scope of the appended claims.

What is claimed is:

1. In combination, a plurality of holder units for holding stationery, and instrumentalities for slidably connecting said holder units together whereby they may be slid longitudinally one over the other from a stacked formation to a lapped extended strip formation and vice versa.

2. In combination, a plurality of holder units for holding stationery, and releasable means slidably connecting the holder units together for movement to a position from one over the other to an extended position one beyond the other and vice versa.

3. A plurality of holder units for holding sta-

tionery, each holder unit including a body, spaced parallel straps secured to one side of the body, and a transversely disposed tongue secured to the opposite side of the body, the tongue of one unit being threaded between the straps and body of the next adjacent unit.

4. A plurality of holder units for holding stationery, each of the holder units including a body, spaced parallel straps secured to one side of the body, a transverse tongue having one end flexibly secured to the opposite side of the body, the tongue of one unit being threaded between the straps and body of the next adjacent unit, and means for detachably securing the free end of the tongue to the body to which its other end is flexibly secured.

5. A plurality of holder units for holding stationery, and instrumentalities for slidably connecting said holder units together and for limiting longitudinal sliding movement of the units in opposite directions.

6. A combined form sheet and carbon sheet holder comprising a plurality of holder units, and instrumentalities for detachably connecting said holder units together in partially overlapping position.

7. A combined form sheet and carbon sheet holder comprising a body, instrumentalities on one side of the body for receiving and supporting collated form sheets and carbon sheets, said instrumentalities including spaced parallel straps secured to that side of the body and extending lengthwise thereof, and a releasable tongue on the opposite side of the body whereby the tongue of one holder may be inserted between the body and straps of another holder to slidably connect two or more holders together.

8. A combined form sheet and carbon sheet holder comprising a flexible body, inwardly extending side flaps and an inwardly extending end flap on one side of said flexible body, a plurality of collated form sheets and one-time carbon sheets held upon one surface of the body only by the inwardly extending flaps, a portion of the end flap being cut away, one end of each of the one-time carbon sheets being notched and an extension portion on the opposite end of each of the carbon sheets, said extension portion of each of the carbon sheets being extended through said cut away portion of the end flap whereby the extension portions exposed through said cut away portion may be grasped and held by the fingers of one hand of an operator and the form sheets pulled free of the body and the one-time carbon sheets by grasping the form sheets with the fingers of the other hand of the operator at a point overlying the notched portions of the carbon sheets.

9. A plurality of combined form sheet and

carbon sheet holders, each holder comprising a flexible body having slots therein, flexible straps having their ends fixedly secured to one of the sides of said body and disposed parallel and adjacent to the opposite side edges thereof and beneath which form and carbon sheets are adapted to be inserted, and a plurality of tongues each having one of their ends fixedly secured to the body, the free ends of said tongues being insertible through the slots in said body whereby the tongue of one holder may be slidably connected to the strap of another holder.

10. A plurality of stationery holding units arranged in strip formation, each holding unit having means for receiving and holding stationery, a strap attached to each holding unit, and an instrumentality secured to each holding unit for coacting with the strap of the adjoining holding unit for detachably connecting the holding units in strip formation.

11. A plurality of stationery holding units arranged in strip formation, each holding unit having means for receiving and holding stationery, a plurality of tongues attached to each holding unit, and instrumentalities secured to each holding unit for coacting with the tongues of the adjoining holding unit for detachably connecting the holding units in strip formation.

12. A plurality of stationery holding units arranged in strip formation, each holding unit having means located on its front surface for receiving and holding stationery, a strap attached to the front of each holding unit, and an instrumentality secured to the back of each holding unit for coacting with the strap of the adjoining holding unit for detachably connecting the holding units in strip formation.

13. A plurality of stationery holding units arranged in strip formation, each holding unit having means located on its front surface for receiving and holding stationery, a strap attached to the back of each holding unit, and an instrumentality secured to the front of each holding unit for coacting with the strap of the adjoining holding unit for detachably connecting the holding units in strip formation.

14. A plurality of stationery holding units arranged in strip formation, each holding unit having means located on its front surface for receiving and holding stationery, a slit in each unit, a strap secured to each unit, and an instrumentality secured at one end to each unit, the free end of said instrumentality being adapted to be passed underneath the strap of an adjoining unit and then inserted into the slit in the unit to which it is secured whereby the holding units are detachably connected in strip formation.

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