

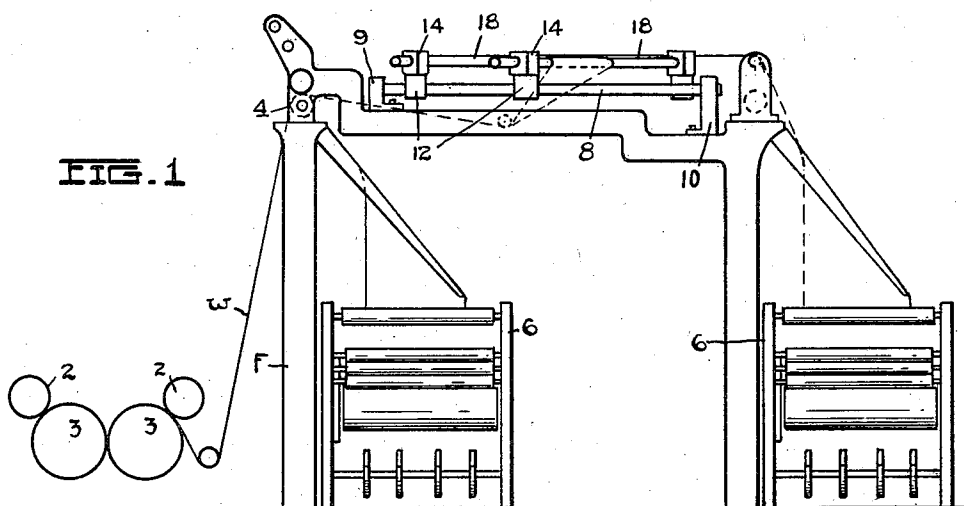
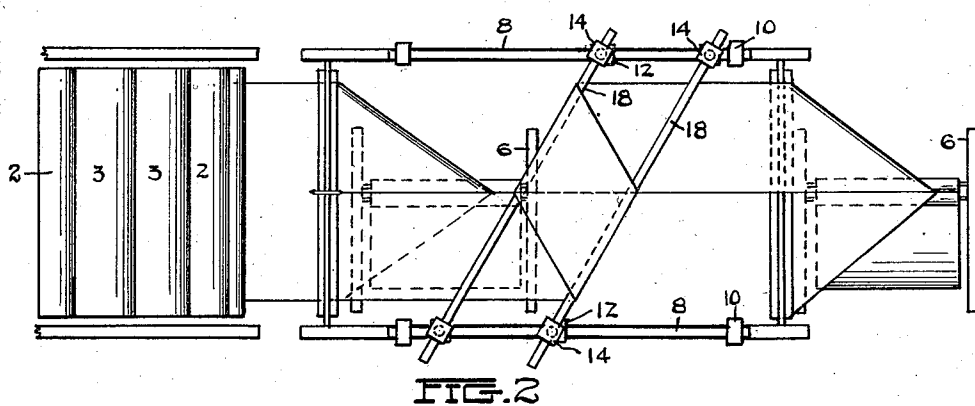
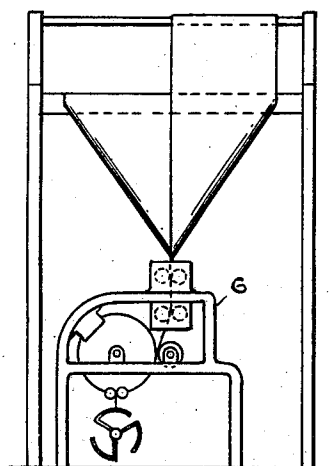
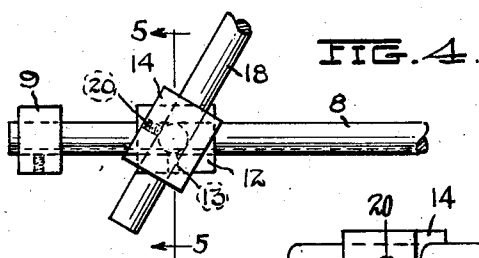
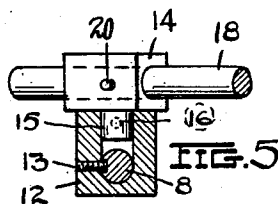
May 26, 1942.

W. E. HAMLIN

2,284,318

UNIVERSAL WEB GUIDE

Filed Nov. 15, 1939



INVENTOR.

Walter E. Hamlin
BY Oberlin Limbach & Day
ATTORNEYS.

UNITED STATES PATENT OFFICE

2,284,318

UNIVERSAL WEB GUIDE

Walter E. Hamlin, Cleveland, Ohio, assignor to
The Cleveland Shopping News Company, Cleve-
land, Ohio, a corporation of Ohio

Application November 15, 1939, Serial No. 304,589

1 Claim. (Cl. 270—20)

This invention relates to supports for traveling webs such as in printing and other machinery where a web of sheet material is forwarded; and it is among the objects of the invention to provide a support or guide which may be adjusted to various directions and angular positions relative to the longitudinal axis of the web and with the same means throughout, and thus free from undue complication.

To the accomplishment of the foregoing and related ends, the invention, then, comprises the features hereinafter fully described, and particularly pointed out in the claim, the following description and the annexed drawing setting forth in detail certain illustrative embodiments of the invention, these being indicative however, of but a few of the various ways in which the principle of the invention may be employed.

In said annexed drawing:

Fig. 1 is a side elevational view of an embodiment of the invention; Figs. 2 and 3 are respectively plan and end elevational views thereof; and Figs. 4 and 5 are details in plan and elevation respectively.

In the embodiment of the invention illustrated, a portion of a news press including framing F, printing cylinders 2, coating cylinders 3, and folding mechanism 6 is shown, the web of paper proceeding after contact with the printing cylinders over a guide roll 4 to the folding mechanism, and arranged along the path of the web are longitudinal bars 8 suitably supported upon the framing, as by brackets 9, 10, the bars being secured thereby. On the bars, one being at each side, are slides 12, these being slidable back and forth on the bars, but being lockable thereto by suitable means at desired positions; for instance set screws 13, Fig. 5, may be carried by the slides to tighten against the bars where desired. Heads 14 are swiveled on the slides, as by stems 15 mounting in bores provided by the slides; and the heads may be locked to the slides, in any desired angle of position relative thereto, by suitable means, for instance set screws 16 taking through the slides to bind against the stems 15. Extending through the heads 14 are web guide

bars 18, these being slidable therein to any desired position; and locking means may be provided to suitably hold the bars in the desired position; for instance set screws 20 may be arranged in the heads to engage against the bars. It will be seen from the foregoing that with the locking means released in each instance, the slides 12 may be moved along the bars 8 to any desired position, the guides 18 being at an angle to the bars, one end in advance of the other, or the angular direction may be reversed, or the guides may be set square across or the spacing between guides may be changed, all as desired and with great convenience and facility, and by the locking means any such position may be maintained; and thus the web may be guided to either or both folding means, or the side of presentation thereto may be changed, etc., and all with complete free adjustability.

Other modes of applying the principle of the invention may be employed, change being made as regards the details described, provided the features stated in the following claim, or the equivalent of such, be employed.

I therefore particularly point out and distinctly claim as my invention:

In apparatus of the character described having framing with printing cylinders and folding means, longitudinal bars between said printing cylinders and said folding means, a pair of web guide bars spaceable at optional distances from each other along said longitudinal bars, and means for setting said web guide bars at any desired distance apart from each other and at forward or reverse angles relative to either longitudinal bar, including two slides regulable with respect to each other on each of said longitudinal bars, set screws through said slides for locking the slides on the bars, heads swiveled on said slides, set screws through said slides to lock said heads in any position in said slides, said web guide bars extending slidably at each end through said heads, and set screws through said heads to lock the web guide bars.

WALTER E. HAMLIN.