

a roll holder, the combination, of the aperture N, at the back of the holder, the light excluding slide or door K, the glass plate J, the film A¹, and the light excluding divisions E, substantially as described. 27th. In a roll holder, the combination, of the aperture N, at the back of the holder, the light excluding slide or door K, the picture film A¹, and the film edge holder F, substantially as described. 28th. In a roll holder, the combination, of the aperture N, at the back of the holder, the light excluding slide or door K, the picture film A¹, the film edge holder F, and the light excluding divisions E, substantially as described. 29th. In a roll holder, the combination, of the film A¹, in the interior of the holder at the back thereof, the film edge holder F, and a lense mounted in the front of the holder, substantially as described. 30th. In a roll holder, the combination, of the film A¹, at the back of the holder inside thereof, the film edge holder F, and the light excluding slide O, substantially as described. 31st. In a roll holder, the combination, of the film A¹, at the back of the holder inside thereof, the film edge holder F, the light excluding slide O, and a lense movably secured in the front of the holder, substantially as described. 32nd. In a roll holder, the combination, of the aperture N, at the back of the holder, the light excluding slide or door K, the glass plate J, the film A¹, in contact with the glass plate, the film edge holder F, the light excluding divisions E, and the light excluding front slide O, substantially as described. 33rd. In a roll holder, the combination, of the aperture N, at the back of the holder, the light excluding slide or door K, the glass plate J, the film A¹, in contact with said plate, the film edge holder F, and the light excluding divisions E, substantially as described. 34th. In a roll holder, the combination, of the lense tube C¹, the movable front section of the frame and the light excluding slide and divisions O, E, substantially as described. 35th. In a roll holder, the combination of the guide rollers at the back of the holder, the spool and reel in front of the guide rollers, the light excluding divisions E, the movable front section of the frame and the telescoping lense tube, substantially as described. 36th. In a roll holder, the combination, of a sensitive film, at the back side in the interior of the holder, the light excluding divisions E, extending between the sensitive film and the front interior side of the holder, the light excluding slide O, and a lense secured in the front of the holder, substantially as described. 37th. In a roll holder, the combination, of a sliding lense tube C¹, a light excluding slide O, and a sensitive film at the inside of the back of the holder, substantially as described. 38th. In combination, with an instrument for exposing sensitive surfaces to the actinic action of light, the marginal sights V¹, and the degree scales S¹¹, as and for the purpose specified. 39th. In a roll holder, the combination, of the guide rollers at the back interior side of the holder, the spool and reel rollers in front of the guide rollers, the light excluding divisions E, arranged within the holder and extending across the same from the front interior side to the sensitive film, and a lense secured on the front of the holder, for the purpose specified. 40th. In a roll holder, the combination, of the guide rollers at the back of the holder on the interior thereof, the spool and reel rollers in front of the guide rollers, the light excluding divisions E, arranged within the holder and extending across the same, and the light excluding slide O, substantially as described. 41st. In a roll holder, the combination, of a sensitized film placed at the back interior side of the holder, the light excluding divisions E, extending from the sensitized film to the front interior side of the holder, a supply spool for the film placed behind one of the divisions, and a reel spool placed behind the other division to receive the film, and a lense mounted on the front of the holder, and adapted to throw an image on the film, for the purpose specified. 42nd. In a roll holder, the combination, of a sensitized film placed at the back of the holder inside thereof, the light excluding divisions E, extending from the film to the front interior side of the holder, a supply spool for sensitized film placed behind one division, and a reel behind the other, a lense mounted in the front of the holder, and a shutter to open and close the aperture of the lense, for the purpose specified. 43rd. In a roll holder, the combination, of a case, a frame carrying the operating mechanism arranged to slide within the case, the front of said frame being joined to the by rabbet joints, and the fastening devices to form the front of said case, substantially as described. 44th. In a roll holder, the combination, of a case, a frame carrying the operating mechanism arranged to slide within the case and having its front forming the front of the case, and the movable section in said front adapted to telescope within the holder, substantially as described. 45th. In a roll holder, the combination of a case, a frame carrying the operating mechanism arranged to slide within the case, the movable section in the front of the frame adapted to telescope within the holder, the flanges on the front and back edges of the movable section adapted to engage with the front of the holder, the packing in the edges, and the movable lense tube, substantially as described. 46th. In a roll holder, the combination of a case, a frame arranged to slide within the case, a telescopic section in the front of the case, and a lense tube fitted in said section and adapted to slide within the case, substantially as described. 47th. In a roll holder, the combination of a case, a frame arranged to slide within the case, a movable section fitted in the front of said case or frame, and the lense tube arranged to slide in said movable section, substantially as described. 48th. In a roll holder, the combination of a case, a frame arranged to slide within the case, a movable section in the front of the case or frame, the lense tube arranged to telescope within the holder, and the

shutter cap carrying the diaphragms, substantially as described. 49th. In a roll holder, the combination of a case, a frame arranged to slide within the case, a movable section on the front of the case or frame, the lense tube adapted to telescope within the holder, the shutter cap on said lense tube carrying the diaphragms, and the light excluding slide arranged in rear of the lense tube, substantially as described. 50th. In a roll holder, the combination of a case, a frame arranged to slide within the case, a movable section in the front of said case or frame, the lense tube arranged to slide within said movable section, the transverse light excluding slide in rear of the lense tube, and the diverging light excluding divisions within the case or frame, substantially as described. 51st. In a roll holder, the combination of a case, a frame carrying the operating mechanism and adapted to slide within the case, the supply and reel spools arranged in the front portion of the frame, and the diverging light excluding divisions secured to the frame, for the purpose specified. 52nd. In a roll holder, the combination of a case, a frame carrying the operating mechanism and adapted to slide within the case, the telescopic section in the front of said frame, the light excluding divisions within the case and arranged on either side of the telescopic section, and the supply and reel spools situated in the front of the frame between the partition and the adjacent end of the case, respectively, substantially as described. 53rd. In a roll holder, the combination of a case, a frame carrying the operating mechanism and adapted to slide within the case, the diverging light excluding divisions at either end of the frame, the supply and reel spools arranged on opposite sides of said partitions in the front portion of the frame, and the measuring and guide rollers situated in rear of the supply and reel spools, for the purpose specified. 54th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the light excluding devices secured within the case to the front thereof, and extending close to the back, and film guides between the rear edges of said partitions, for the purpose specified. 55th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the light excluding divisions secured within the frame near either end thereof, the supply and reel spools situated between the divisions in the front portion of the frame, and the friction rollers arranged to bear on said spools, for the purpose specified. 56th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the light excluding divisions secured within the frame, the supply and reel spools situated in the front portion of the frame between the divisions and the ends of the case, and the spring arms secured to said divisions and carrying the friction rollers arranged to bear on said spools, substantially as described. 57th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the supply and reel spools secured on shafts journaled in bearings in the front portion of the frame at either end thereof, the ratchet wheels secured on said shafts on the top of the frame at either end thereof, and the spring arms adapted to engage with said wheels, substantially as described. 58th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the shafts carrying the supply and reel spools journaled in bearings in the front portion of the frame, the ratchet wheels secured in said shafts on top of the frame, the spring arms secured between said wheels and having projections at its ends adapted to engage with the ratchet wheels, substantially as described. 59th. In a roll holder, the combination, of a case, a frame arranged to slide within the case and having its front projecting to form the front of the case, the lense tube arranged in the centre of the frame, the centre sights on the front B, and rear of the case, in line with the lenses, the marginal sights arranged in said front B, on either side of the lense tube, and the spirit level situated on the case between the marginal and centre sights, substantially as described. 60th. In a roll holder, the combination, of a case, a frame arranged to slide within the case, the measuring roller situated in the rear of said frame and carrying the perforators, the pinion X, on the top of the frame arranged to mesh with a spur wheel, an indicator carried by said spur wheel and adapted to engage the ratchets of a counting wheel, and the spring arm bearing on said wheel, substantially as described. 61st. In a roll holder, a spool composed of two longitudinal sections suitably secured together, the larger section having the rectangular shaft opening extending from end to end thereof, and the slanting longitudinal slot or groove, substantially as described. 62nd. In a holder, a lense tube arranged to slide within the holder, and a shutter cap on the front end of the tube carrying diaphragms, substantially as described. 63. In a roll holder, the combination of lense tube, adapted to slide into the holder, a shutter cap carrying the diaphragms removably secured in said tube, and the double shutter pivotally secured at its centre on one side of the lense tube, substantially as described. 64th. In a roll holder, the combination of a lense tube, a shutter cap carrying the diaphragms, a double shutter pivotally secured at its centre on one side of the lense tube, the oppositely arranged shoulders on the shutter and the pawl and lever arranged to engage with the said shoulders, substantially as described. 65th. In a roll holder, the combination of a lense tube, a shutter cap carrying the diaphragms removably secured in said tube, a double shutter pivotally secured at its centre on one side of the lense tube, the oppositely arranged shoulders on said shutter, the spring actuated pawl, and the lever adapted to engage with said shoulders, the piston connected to one end of said lever and situated in a pneumatic tube, and the arm C¹¹ in the other end of said lever, substantially as described. 66th. In a roll holder, a movable front