

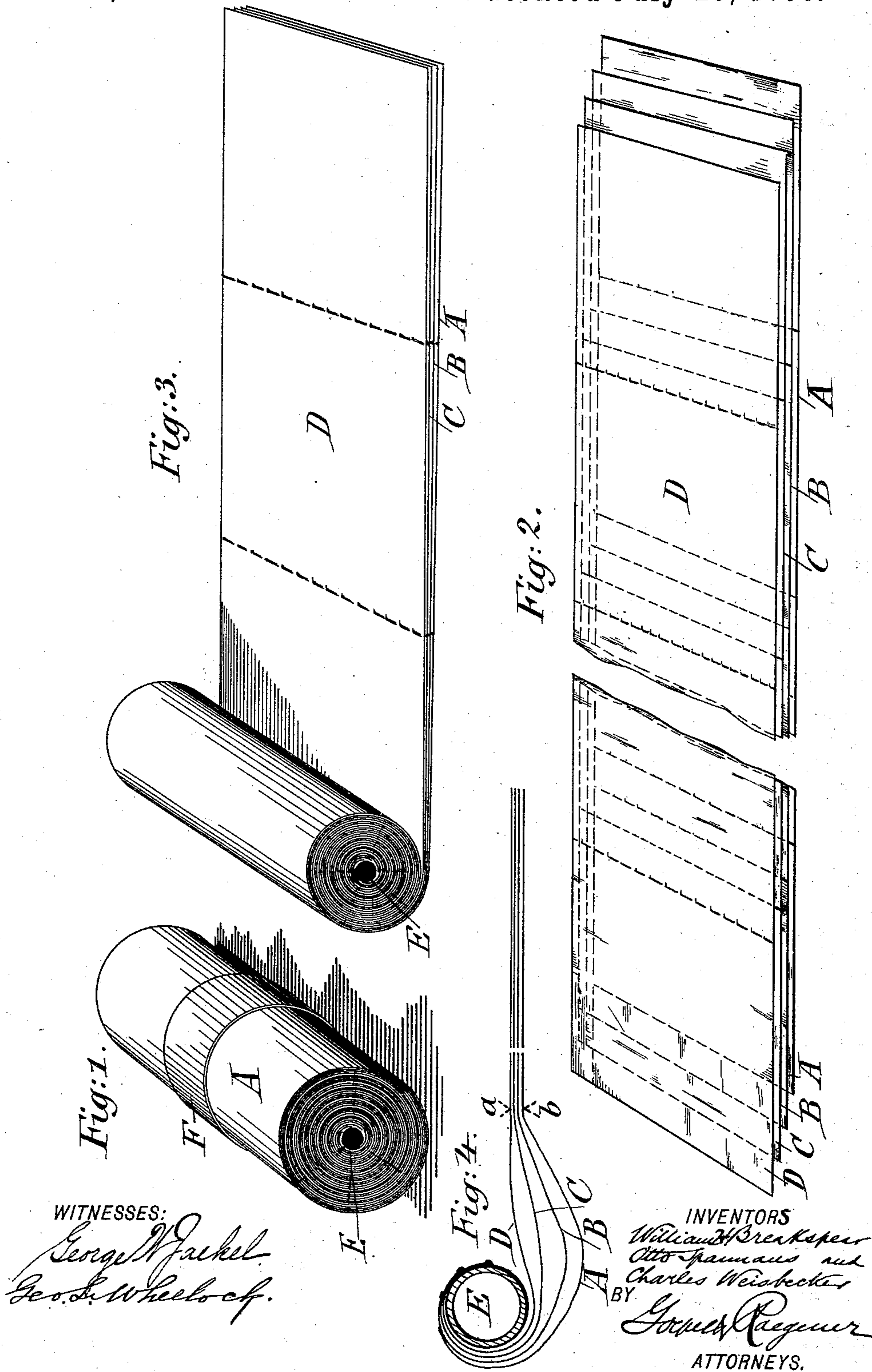
(No Model.)

W. H. BREAKSPEAR, O. SPANNAUS & C. WEISBECKER.

PAPER ROLL FOR SALES PADS.

No. 543,330.

Patented July 23, 1895.



# UNITED STATES PATENT OFFICE.

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## PAPER-ROLL FOR SALES-PADS.

SPECIFICATION forming part of Letters Patent No. 543,330, dated July 23, 1895.

Application filed January 18, 1895. Serial No. 535,336. (No model.)

*To all whom it may concern:*

Be it known that we, WILLIAM H. BREAKSPEAR, OTTO SPANNAUS, and CHARLES WEISBECKER, citizens of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Paper-Rolls for Sales-Pads, of which the following is a specification.

This invention relates to a novel construction of paper-rolls for sales-pads which contain a plurality of superposed record-strips, each composed of individual sales-checks, said layers of strips being rolled up so that the superposed checks of the different layers are made to register with each other, thus permitting them to be torn or cut off simultaneously after the record of the sale has been made; and the invention consists of a paper-roll composed of a plurality of superposed layers of transversely-perforated record-strips, the perforations forming sales-checks, and said strips being set off, so that the first extends beyond the next adjacent or second strip, the latter again beyond the end of the third strip, and the third strip again for some distance beyond the end of the top or uppermost strip. The distance between the ends of the strips is proportioned to the length thereof, so that when the strips are wound off at one end from the roll the sales-checks of the various superposed strips register with each other and can be torn off simultaneously at the transverse perforations when the strips are used in connection with a suitable pad in making the different sales.

In the accompanying drawings, Figure 1 represents a perspective view of our improved paper-roll. Fig. 2 shows the position of four record-strips before they are wound up into a roll and the length which each strip has to be extended beyond the other so as to provide for the difference in diameter when being wound into a roll. Fig. 3 is a perspective view showing the strips partly wound up into a roll, the ends of the strips being drawn out and unwound from the roll; and Fig. 4 is a side elevation showing clearly the manner in which the strips are attached to a central core and also the position which the attached portions assume when all of the checks have been torn off.

Similar letters of reference indicate corresponding parts.

In making our improved paper-roll for sales-pads it is necessary to cut the paper into strips of the required length and width and first to print the same, according to the blank form of the sales-check, letter-head, &c., required. All the record-strips are produced of uniform length, and a number of them—say four, such as A, B, C, and D—are then superposed one above the other, but in such a manner that the end of each strip extends for a certain distance beyond the end of the adjacent strip. (See Fig. 2.) When the required number of strips are thus superposed one above the other, a roll is formed by commencing to wind up the plurality of strips at that end at which the uppermost strip D projects beyond the lower strips C B A, (see Fig. 3.) the winding being performed either in a suitable winding-machine without a roll or the specified ends are applied to a suitable paper or other core E by pasting or otherwise and the strips then wound up in a suitable machine. The winding up of the superposed strips has the result that the outer ends are gradually drawn in as the winding proceeds until the extreme ends finally range opposite each other. When the record-strips are drawn out from the roll over a suitable sales-pad and a slight frictional pressure exerted at the points *a* and *b*, for instance, the drawn-out sales-checks of one strip registers with the drawn-out sales-checks of the remaining strips, owing to the fact that the extreme outer ends are in line when the unrolling commences and that the roll is free to turn, which latter condition is especially essential to perfect registering of the superposed checks. A quadruple or other record can now be made on the four checks drawn out and the same can be simultaneously torn off on the weakened or perforated lines of the strips and used in the usual manner, one for the customer and the others for the various purposes of record in the business in which the checks are used. When all of the serviceable checks have been torn off in the proper manner, there will remain the attached end portions, as shown in Fig. 4, which, owing to the fact that no friction has been placed upon the circumference

of the roll, assume the appearance shown. The rolls are made up of record-strips of the required width and length, bound with a band F, and are covered in a suitable manner, so as to be protected in shipment, they being instantly ready for use in connection with a suitable sales-pad and interposed carbon-sheets, the unwinding taking place in regular manner, so that the tearing off of a plurality of individual checks, one below the other, can be accomplished in a regular and reliable manner.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. A paper-roll for sales-pads, composed of a plurality of superposed record-strips printed in blank with the required sales-checks, or other blank forms, said individual layers being set off in such a manner that at the interior of the roll each projects a certain proportionate length beyond the next lower strip, whereby in unwinding the roll the outermost

ends of the sales-checks register with each other, substantially as set forth.

2. A paper-roll for sales-pads, composed of a core, a plurality of superposed record-strips printed in blank with the required sales-checks, or other blank forms, and secured to the core at their inner ends, said individual layers being set off in such a manner that at the interior of the roll each projects a certain proportionate length beyond the next lower strip, whereby in unwinding the roll the outermost ends of the sales-checks register with each other, substantially as set forth.

In testimony that we claim the foregoing as our invention we have signed our names in presence of two subscribing witnesses.

WILLIAM H. BREAKSPEAR.  
OTTO SPANNAUS.  
CHARLES WEISBECKER.

Witnesses:

PAUL GOEPEL,  
GEORGE W. JAEKEL.