

W. L. WEST.  
MANIFOLD PAPER.

APPLICATION FILED NOV. 16, 1908.

972,742.

Patented Oct. 11, 1910

JOHN DOE & CO. GROCERS.		Account Forwarded	\$12	50
1	1 pk. potatoes			25
2	1 doz. eggs			33
3	5 lbs. sugar			35
4	1 loaf bread			05
5	2 Cans corn			25
6				
7	Total		\$13	73
8				
9				
10				
11				
12				
13				
14				
15				

Franklin, Pa. Oct. 10th 1908.  
Mr Richard Roe.

Oct. 10th 8  
Richard Roe.

\$12.50

1 pk. potatoes 25  
1 doz. eggs 33  
5 lbs. sugar 35  
1 loaf bread 05  
2 Cans corn 25

Total \$13.73

JOHN DOE & CO. GROCERS.		Account Forwarded	\$12	50
1	1 pk. potatoes			25
2	1 doz. eggs			33
3	5 lbs. sugar			35
4	1 loaf bread			05
5	2 Cans corn			25
6				
7	Total		\$13	73
8				
9				
10				
11				
12				
13				
14				
15				

Franklin, Pa. Oct. 10th 1908  
Mr Richard Roe.

WITNESSES:

J. Herbert Bradley.  
Charles Barnard.

INVENTOR

William L. West  
by Christy and Christy.  
Attys

# UNITED STATES PATENT OFFICE.

WILLIAM L. WEST, OF FRANKLIN, PENNSYLVANIA.

## MANIFOLD-PAPER.

972,742.

Specification of Letters Patent.

Patented Oct. 11, 1910.

Application filed November 16, 1908. Serial No. 462,885.

*To all whom it may concern:*

Be it known that I, WILLIAM L. WEST, residing at Franklin, in the county of Venango and State of Pennsylvania, a citizen of the United States, have invented or discovered certain new and useful Improvements in Manifold-Paper, of which improvements the following is a specification.

It is customary in making up pads or books for sale-slips to place between the printed forms manifold paper in order that duplicate or triplicate copies may be made at the same time. These manifold sheets have to be removed after one record has been made and placed between other printed forms for another record and its copy or copies. This handling of the manifold papers is so objectionable that in some cases the manifold paper is thrown away after one use. The objections to this method have been met to a small extent by applying the carbon to the backs of alternate printed forms, but in this case only the original and one copy can be made.

The object of the invention described herein is to provide a sheet having the carbon so applied that the names, words, lines, characters, etc., are in intaglio and appear white and the remaining surface is covered with the carbon.

The invention is hereinafter more fully described and claimed.

In the accompanying drawing forming a part of this specification is shown an original record sheet, and two copies, one of which is the manifold.

In the making up of a book or pad, the sheets 1 on which will be made the original record are printed in the usual manner, with the desired words, lines, characters, etc. These printed sheets are alternated with sheets 2 having the same arrangement of words, lines, characters, etc., in intaglio, the whole surface being covered except the words, lines, etc., with the copying ink. A suitable ink consists of beeswax, transparent soap, a coloring material, ground with the

beeswax and treated with carbon disulfid, and olive-oil. When writing on sheet 1, while it is on sheet 2 the ink in the latter being soft and adhesive will adhere along the lines of pressure, to the back of sheet 1 so that when the latter is removed the ink will be partially removed from sheet 2 as to make the written words plainly legible on such sheet.

A plain sheet 3 or one similar to sheet 1 may be placed between sheets 1 and 2 and when sheet 1 is written on the ink on sheet 2 will adhere to the back of sheet 3, producing the writing in reverse. But if this sheet be soft and thin, the ink will quickly soak through giving a positive triplicate copy of the record.

I claim herein as my invention:

1. A manifold paper having words, lines, etc., outlined by carbon or other coloring material, the words, etc., being in intaglio, the carbon or other material being capable of being transferred by pressure to a superimposed surface.

2. A blank for duplicate records having words, lines, etc., formed by covering the surface of the blank with a transfer ink except the portions of the surface corresponding to such words, lines, etc., the transfer ink being capable of being transferred by pressure to a superimposed surface.

3. A manifolding sheet having words, etc., outlined by carbon or other coloring material, the words being in intaglio, and the carbon being capable of being transferred by pressure to a surface in contact therewith.

4. An article of the class described comprising a sheet, a copying or transfer coating on one surface thereof and an uncoated text in intaglio in said coating.

In testimony whereof, I have hereunto set my hand.

WILLIAM L. WEST.

Witnesses:

ROBERT N. SPEER,  
GEO. B. CLARK.