

# UNITED STATES PATENT OFFICE.

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## MARKED PAPER.

936,959.

Specification of Letters Patent.

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No Drawing.

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*To all whom it may concern:*

Be it known that I, LEWIS J. TROUNSTINE, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented certain new and useful Improvements in Marked Paper; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in marked paper and the process of making the same, and the object of my invention is to produce a wrapping paper bearing a mark somewhat resembling a water mark, but which can be easily seen under all conditions of transmitted and reflected light.

Water marks are put upon ordinary paper during the process of manufacture and before the paper is finished. In many cases these water marks are so faint that they can scarcely be seen except by transmitted light, as, for example, when the paper is held up in front of a window. By my invention, however, a paper is produced which is clearly marked and which mark can be readily seen by reflected light as well as transmitted light.

My invention is especially applicable to high grades of wrapping paper. Many first class concerns will not use printed or stamped paper at all, because the printed inscription or stamp causes the paper to seem commonplace and objectionable. Such concerns, therefore, use nothing but plain paper. The marked paper produced by my process, however, is entirely free from this objection.

In carrying out my process, I take high grade wrapping paper as it is delivered to purchasers and run it through a printing press of any desired type. The marking

material used is of a somewhat greasy nature, and as the paper is run through the press there is produced a distinct mark, which when viewed by transmitted light closely resembles a water mark, but which is even more clearly visible by reflected light.

The marking fluid which I use has the following composition:

29 lbs.	hydrate alumina	
27 "	#0 linseed oil varnish	
8 "	#00 " " "	
30 "	new base (white)	
3 "	petrolatum	55
2 "	painters' boiled oil	
2 "	japan drier	
2 oz.	dense litho job black ink	
2 "	valvet green ink	
1 lb.	paraffin.	60

From this it will be seen that the small quantity of paraffin, petrolatum, and boiled oil, has a tendency to make the portion of the paper that is struck by the type transparent, while the very small quantities of coloring matter in combination therewith produce a clearly visible mark.

I claim:

The process of making marked paper, which consists in passing manufactured paper through a press and impressing thereon a mark clearly visible, both by transmitted and reflected light, by means of a marking fluid of a greasy nature, containing a very small proportion of coloring matter, substantially as described.

In testimony whereof, I affix my signature, in presence of two witnesses.

LEWIS J. TROUNSTINE.

Witnesses:

A. McD. WILSON, Jr.,  
F. A. SMYLY.