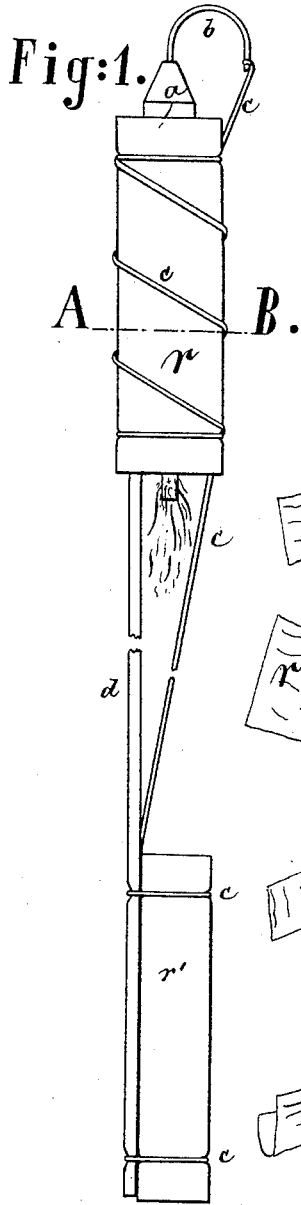


(No Model.)

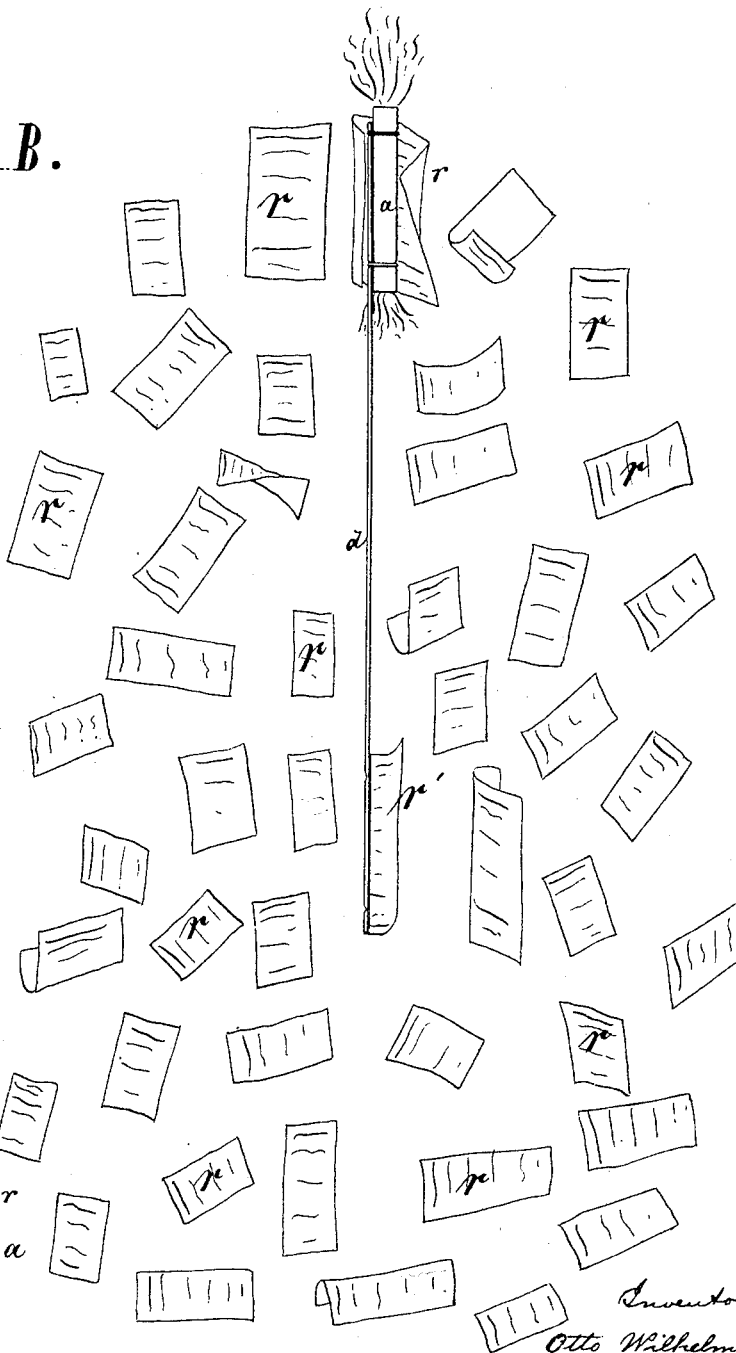
O. WILHELMI.  
ROCKET.

No. 585,805.

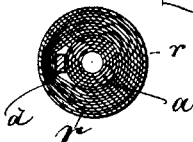
Patented July 6, 1897.



**Fig:2.**



**Fig:3A-B**



Witnesses:  
*Willie Miller*  
*William Schulz*

Inventor:  
*Otto Wilhelmi*  
 by his attorneys  
*Roads & Brien*

# UNITED STATES PATENT OFFICE.

OTTO WILHELMI, OF DUSSELDORF, GERMANY.

## ROCKET.

SPECIFICATION forming part of Letters Patent No. 585,805, dated July 6, 1897.

Application filed September 21, 1896. Serial No. 606,458. (No model.)

*To all whom it may concern:*

Be it known that I, OTTO WILHELMI, a subject of the German Emperor, residing at Dusseldorf, Germany, have invented certain new and useful Improvements in Rockets, with description as follows.

This invention relates to a rocket provided with a charge of circulars or other advertising matter, which is released when the rocket is exploded and which in descending is thus distributed over a large area.

In the accompanying drawings, Figure 1 is a side view of a stick-rocket provided with my improvement. Fig. 2 is a similar view showing the rocket after having been ignited; and Fig. 3 is a cross-section on line A B, Fig. 1.

The letter *a* represents the case of a stick-rocket, around which is coiled a roll of circulars *r* in such a manner that it cannot be reached by the flame escaping from below. These circulars are held in place by means of a fuse *b*, that projects out of the head or pot of the rocket. The fuse may be bodily coiled around the roll of circulars or it may be attached to a confining-string *c*, which is coiled directly around such roll, as shown.

When the rocket is exploded or after it has been partly consumed, the fuse *b* will become

ignited to release the circulars, which are thus scattered over a large area.

In order to weight or counterbalance the stick *d* at its lower end and thus cause the rocket to ascend properly, a second roll *r'* of circulars may be coiled around the stick below the case *a*. This roll is attached to the rocket by means of the same string *c* that holds the roll *r*, and thus both rolls are nearly simultaneously released.

What I claim is—

1. A rocket provided with a case, a roll of circulars coiled around the same, and a fuse or fuse-string coiled directly around the roll of circulars and adapted to release the same upon ignition, substantially as specified.

2. A rocket provided with a case, a roll of circulars coiled around the same, a second roll coiled around the stick, and a fuse or fuse-string coiled directly around the rolls and adapted to release the same upon ignition, substantially as specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

OTTO WILHELMI.

Witnesses:

WILLIAM ESSENWEIN,  
ERNEST ANDRÉ.