

Ludwig O. Franke.

Chameleon-Whirligig.

105792

PATENTED JUL 26 1870

Fig 1

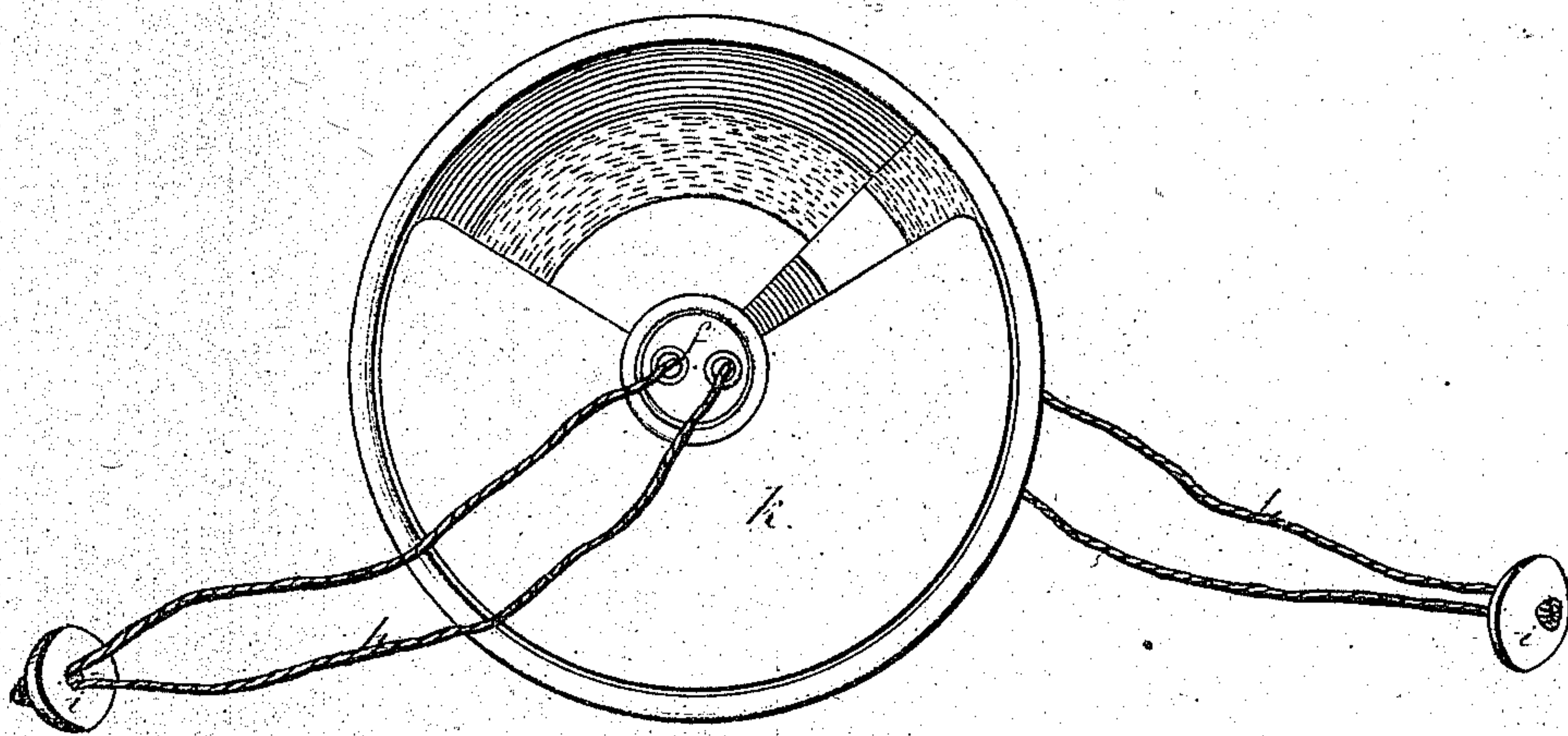


Fig 2

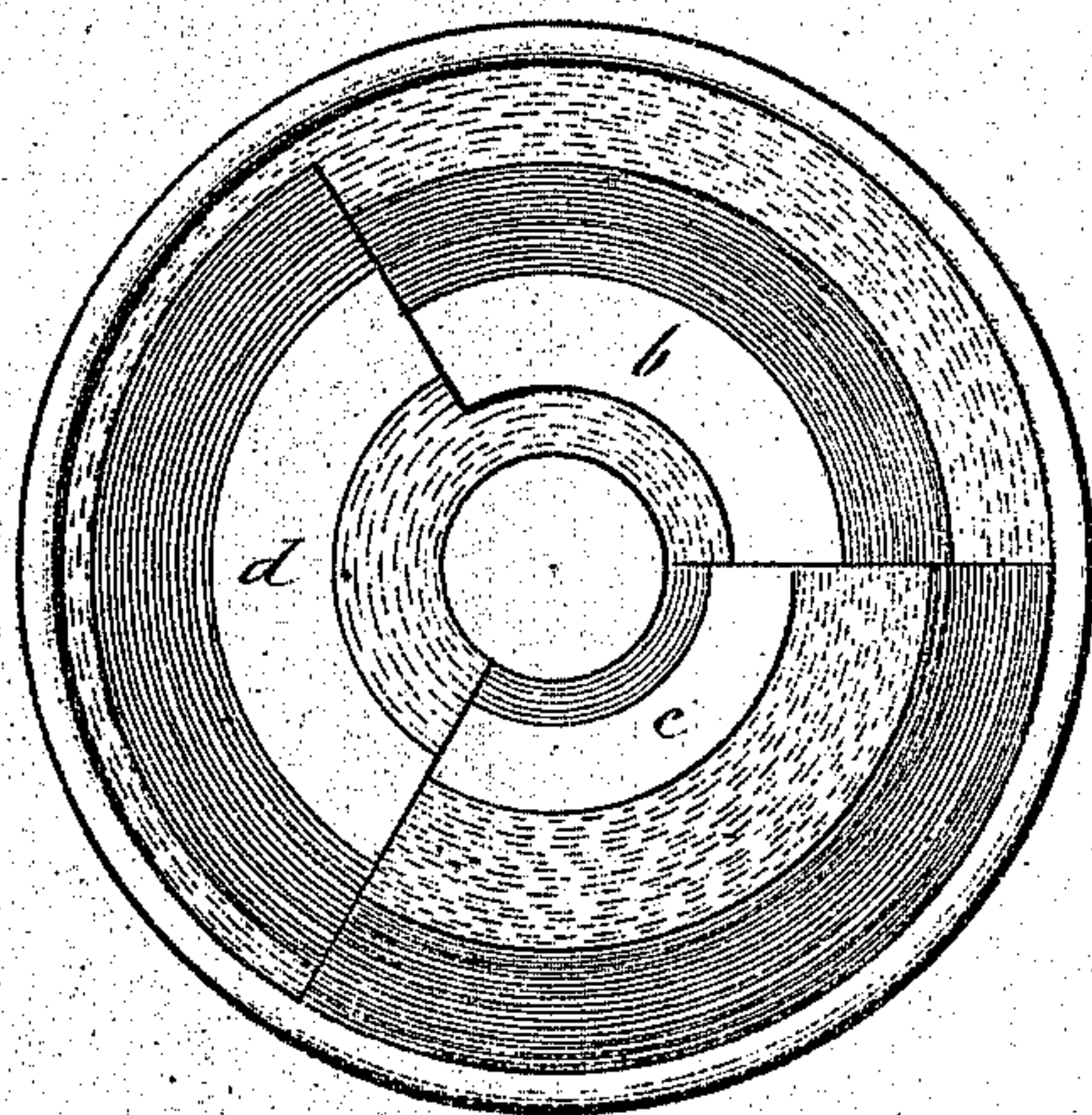


Fig 5

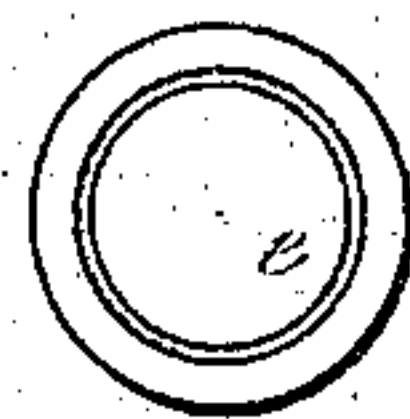


Fig 4

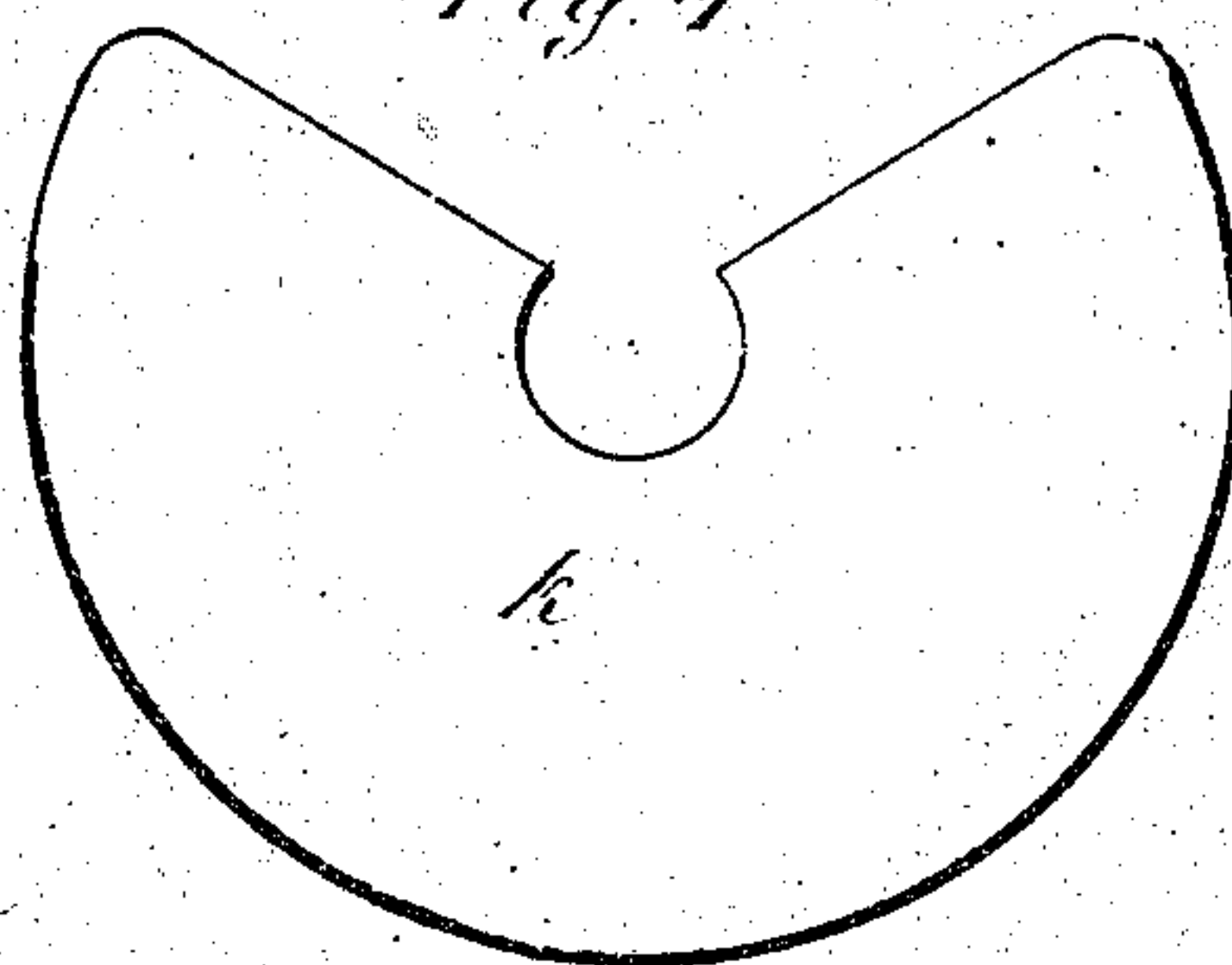
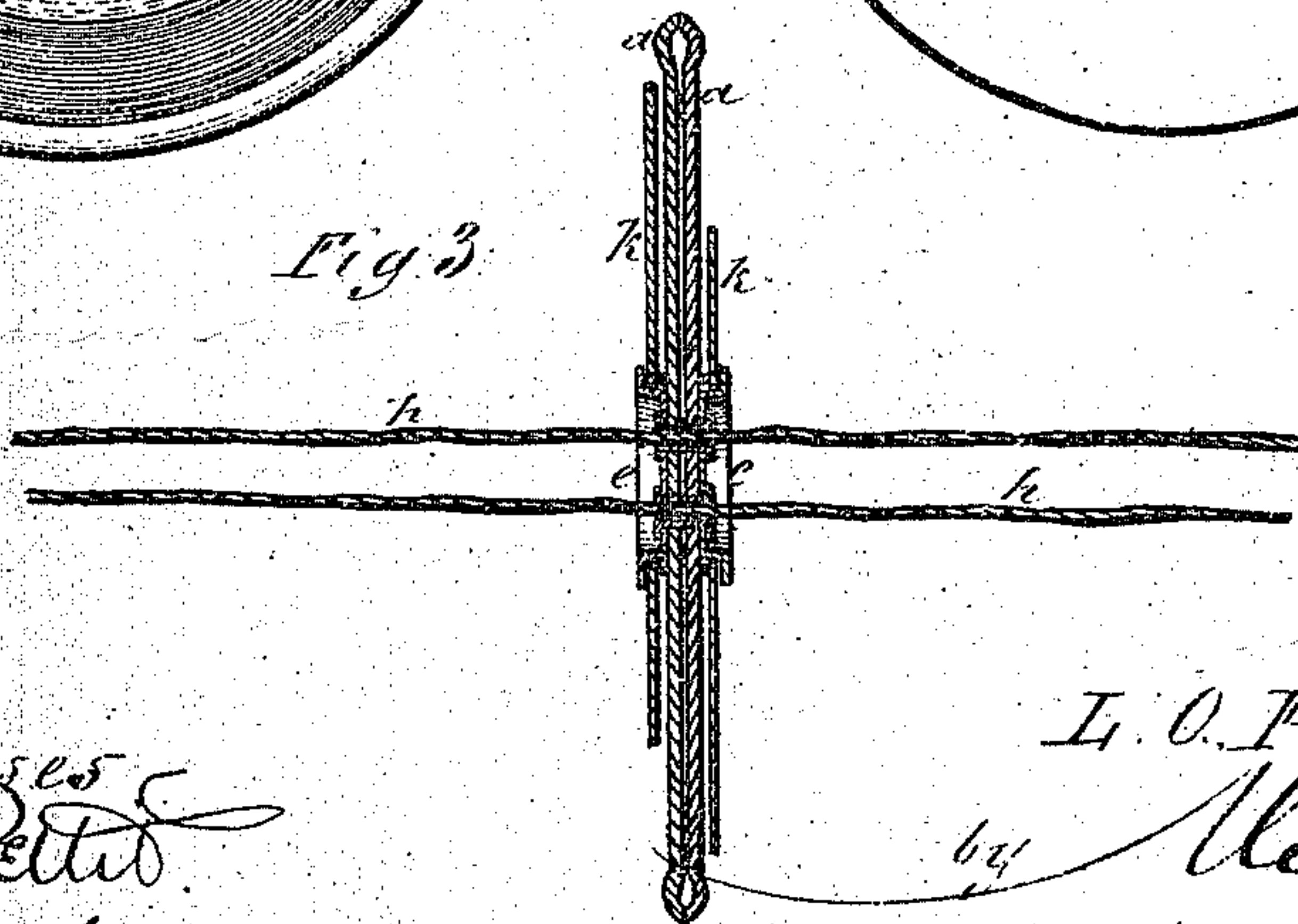


Fig 3



Witnesses  
C. A. Pettit  
D. Curand

L. O. Franke Inventor

by *Heum & Co*

His Attorneys



# United States Patent Office.

LUDWIG OTTMAR FRANKE, OF BALTIMORE, MARYLAND.

Letters Patent No. 105,792, dated July 26, 1870.

## CHAMELEON WHIRLIGIG.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LUDWIG OTTMAR FRANKE, of Baltimore, in the county of Baltimore and State of Maryland, have invented a new and improved Chameleon Whirligig; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a plan view of the whirligig complete;

Figure 2 is a plan view of the colored side of one of the two disks of which the whirligig is made;

Figure 3 is a diametrical transverse section of fig. 1;

Figure 4 is a plan of one of the extinguishers; and

Figure 5 is a plan of one of the recessed circular plates at each side of the complete toy, through which the eyelets pass that connect the disks.

This invention consists of two metallic disks, placed together, so that their peripheries coincide and connected so as to form a whirligig, by means of eyelets passing through embossed circular plates, placed one at each side of the whirligig and centrally thereof, the eyelets forming passages through which are led the strings, from the alternate twisting and untwisting of which the toy receives motion, the outer sides of the whirligig being each divided into three or more sections bounded by radial lines, the sections being composed of concentric arcs, of different colors, the arrangement of which in each section is different; and there being black extinguisher-plates pivoted upon the embossed circular plates aforesaid, outside the colored sections, said extinguishers being recessed, so as to show a part of the colored arcs at a time, and being so loosely attached that they constantly change their positions as the whirligig revolves, and expose

new arrangements of colors, which bear the appearance of rings.

In the drawing—

*a* are the disks.

*b c d*, fig. 2, the parti-colored sections.

*e*, the embossed circular plates.

*f*, fig. 1, the eyelets, by which the embossed circular plates are fastened to the outsides of the disks *a*.

*h*, the strings.

*i i* buttons at the ends of the strings, for convenience in holding.

*k*, the recessed extinguishers. The latter are loosely hung upon the bosses of the plates *e*.

The arcs, which are seen through the recesses in the extinguishers, are apparently prolonged into circles when the toy revolves, and, as the extinguishers are constantly changing their positions, fresh combinations of rings are ever appearing.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the parti-colored whirligig *a a*, with the recessed extinguishers *k*, in the manner and for the purpose specified.

2. The combination of the whirligig *a a* with the extinguishers *k* and embossed circular plate *e*, substantially in the manner and for the purpose specified.

The above specification of my invention signed by me this 21st day of June, A. D. 1870.

LUDWIG OTTMAR FRANKE.

Witnesses:

SOLON C. KEMON,

GEO. E. BROWN.