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2,624,140

ROTARY DATA SPECIFIER FOR STOCK PARTS

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Fig. 1

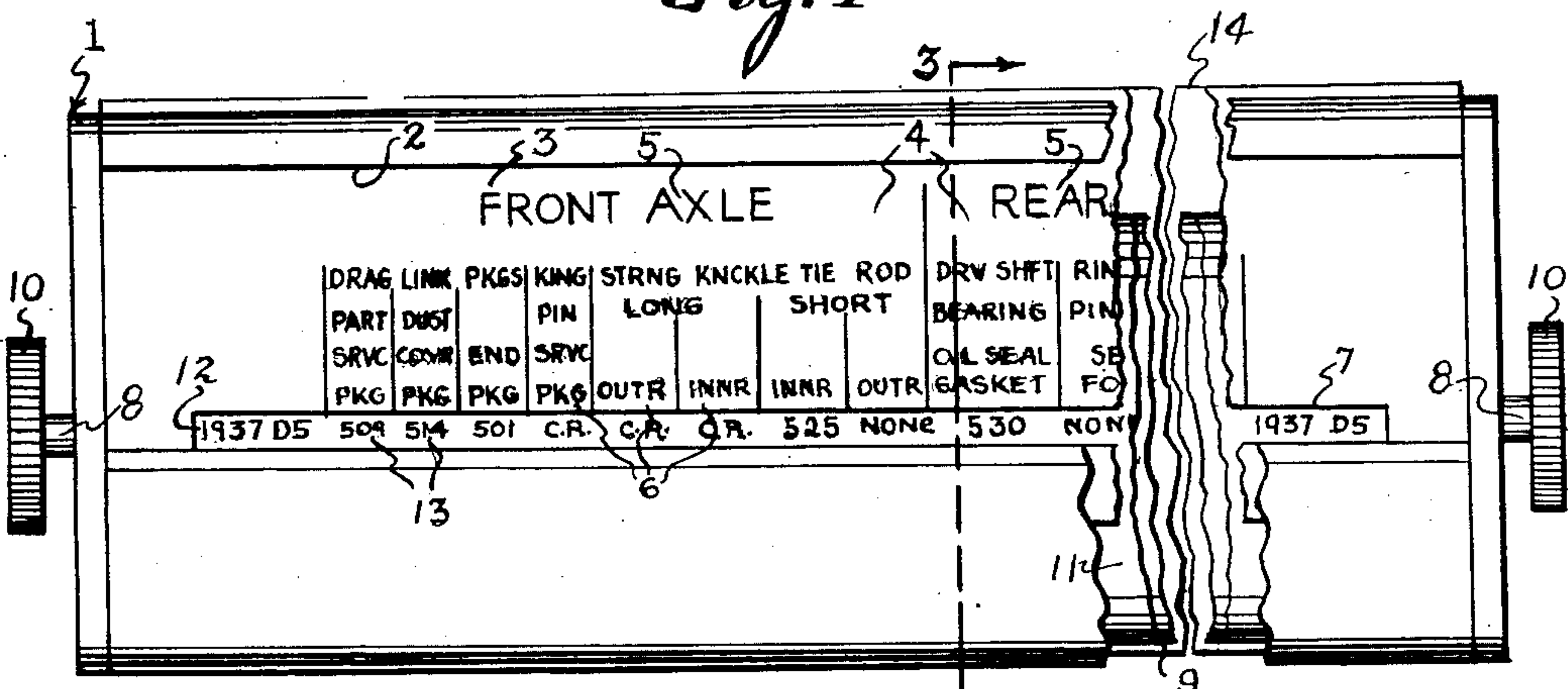


Fig. 2

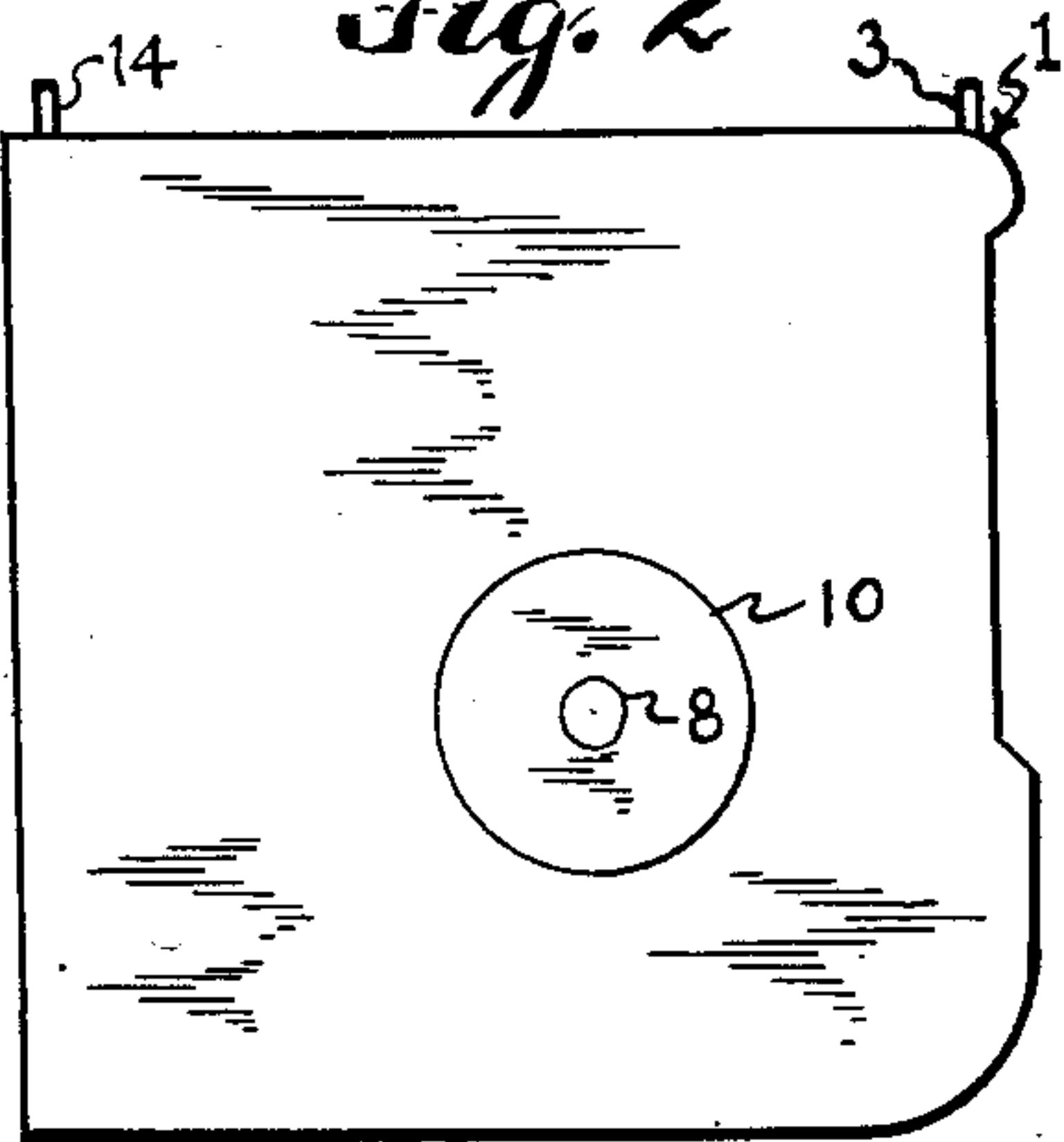


Fig. 3

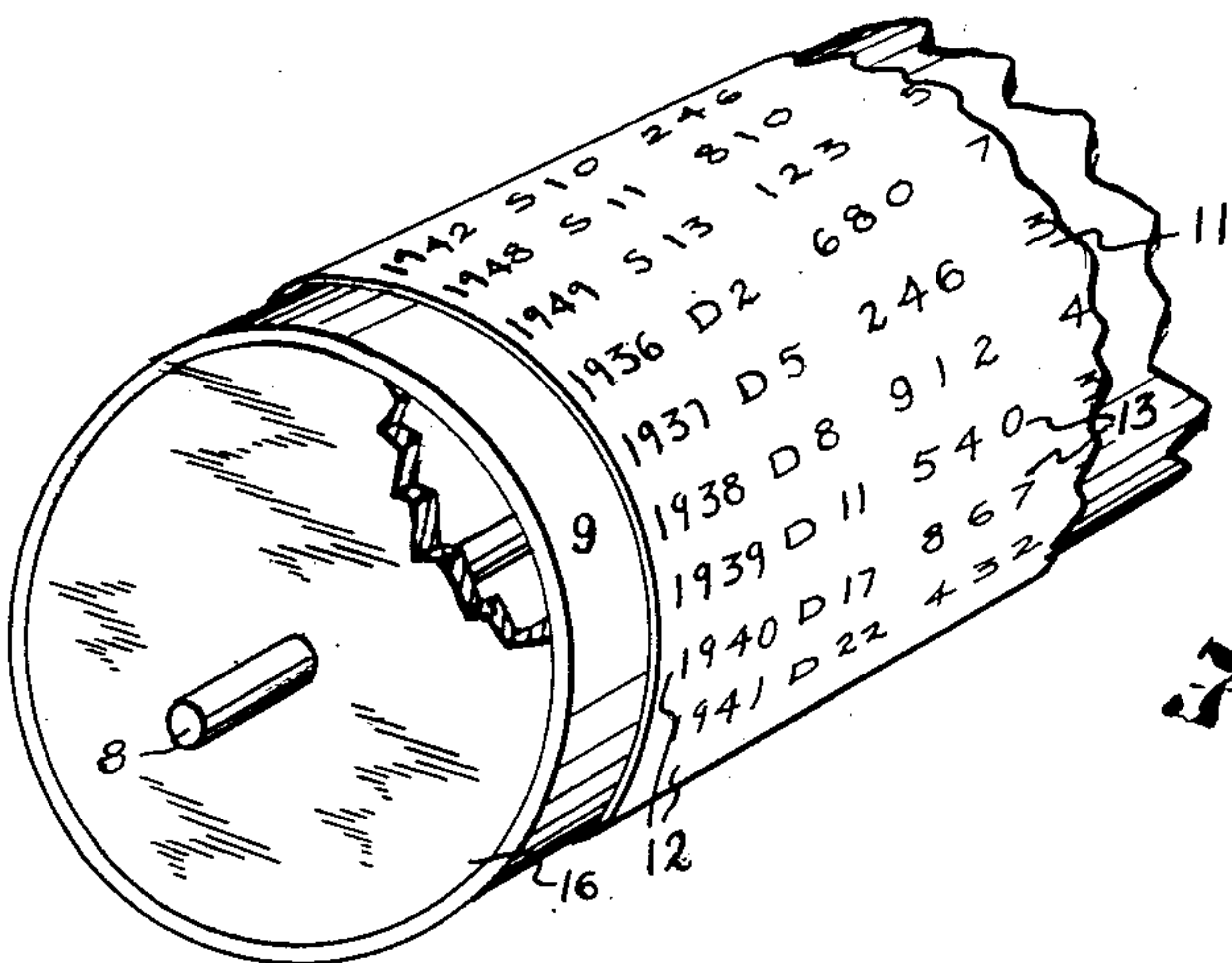
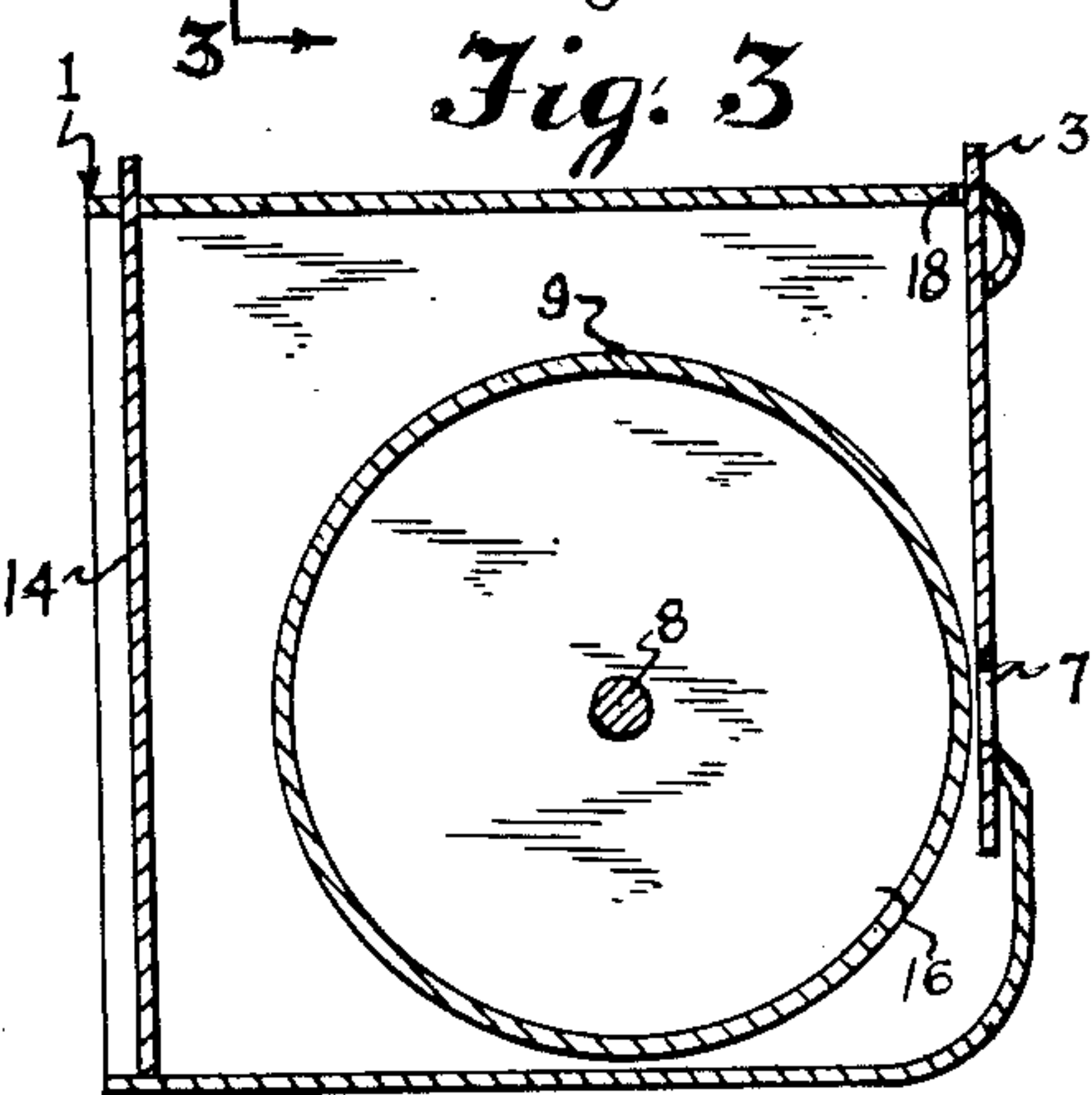
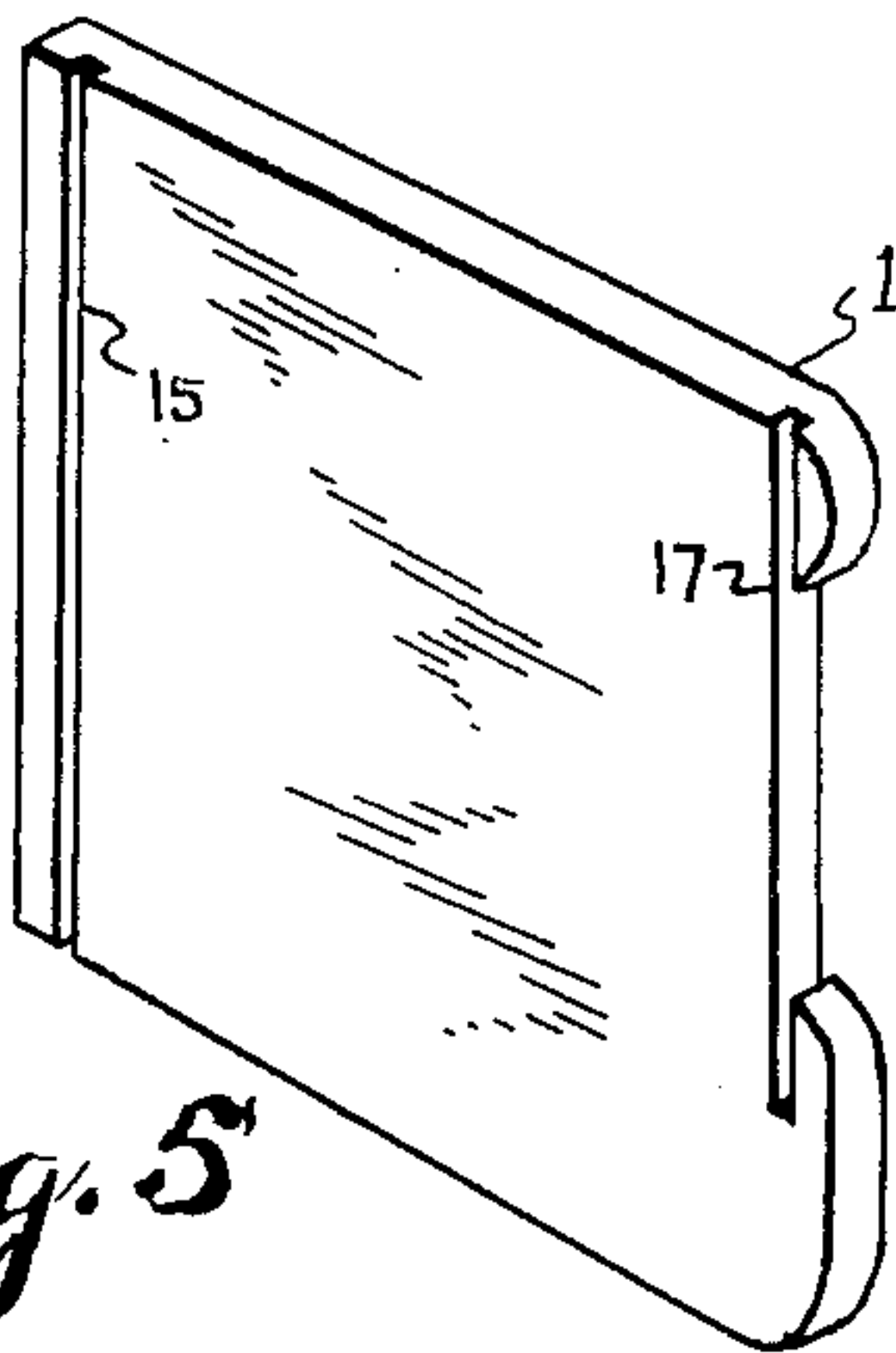


Fig. 4

Fig. 5



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UNITED STATES PATENT OFFICE

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ROTARY DATA SPECIFIER FOR
STOCK PARTS

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1 Claim. (Cl. 40—68)

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This invention relates to rotary indicating devices and particularly rotary specifiers for stock parts.

In present practice when it is desired to locate certain parts or items included in a large and varied inventory of stock, one or more catalogues must be consulted to find a number or other locating data correlated with the part name. It is an object of the invention to provide a device that will furnish locating or other data on any part or item of stock much more readily than catalogues or the like.

Another object is to make available locating or other data on all parts required for some certain machine or assembly, by a single manipulation that may be easily and rapidly performed.

More specifically, it is an object of the invention to list on the periphery of a rotary drum in circumferential series a considerable number of machines, and to arrange lengthwise of the drum corresponding rows of symbols by which the parts of such machines may be located, the parts being identified on an information sheet, slotted for registration of said drum symbols with the corresponding parts listed on said sheet.

These and various other objects are attained by the construction hereinafter described and illustrated in the accompanying drawing, wherein:

Fig. 1 is a front elevational view of my rotary specifier, partially broken away.

Fig. 2 is an end view of the same.

Fig. 3 is a cross sectional view taken on the line 3—3 of Fig. 1.

Fig. 4 is a fragmentary perspective view of an end portion of a drum employed in the specifier.

Fig. 5 is a perspective view of an end wall of the cabinet.

In these views, the reference character 1 designates an elongated cabinet of approximately square cross section, having at its front a large window 2 substantially coextensive in length with the cabinet. Exposed through such window is a stock-listing sheet 3, illustrated as relating to motor vehicle parts. Thus said sheet is divided transversely of its length into a series of panels 4, each relating to some major portion of a vehicle and bearing a corresponding title 5. Each panel is subdivided into a suitable number of columns 6 upwardly extending from a slot 7 formed in the sheet along the lower edge of window 2, such columns receiving the names of different parts or sub-assemblies included in the major portion identified by the corresponding title 5. It is to be understood that all or at least most of the parts listed on the sheet 3 enter into

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the construction of numerous vehicles although differing somewhat on different vehicles.

Extending through the cabinet 1 and journaled in its ends is a shaft 8 rigidly carrying within the cabinet an elongated hollow drum 9 and projecting sufficiently beyond said ends to receive knobs 10 for rotating such drum. The drum is peripherally covered by a sheet 11 such as paper or cardboard, occupying a substantially tangential relation to the slotted lower portion of the sheet 3. Thus certain lines 12 of reading matter extending on the sheet 11 substantially from end to end thereof, are adapted to be individually exposed through the slot 7, being spaced uniformly apart a distance substantially equaling the slot width. The end portions of said slot extend beyond the columns 6 to expose vehicle-identifying data included in the lines 12. Thus "1937 D5" identifies a vehicle built in 1937, of a certain model as sedan, coupe, etc. Each line 12 further comprises a row of numbers 13 or other indicia, spaced to respectively register with the respective columns, and each identifying a shelf, bin or other receiver for parts listed on the sheet 3. The arrangement is such that location indicia 13 pertaining to any particular vehicle occupies the line 12 which identifies such vehicle. Hence when any particular part for a certain vehicle is sought, it is necessary merely to rotate the drum until there appears in slot 7 the line 12 identifying such vehicle, whereupon location data for required part appears below the column 6 listing such part.

The rear wall 14 of the cabinet serves as an upwardly removable door, being slidably fitted into grooves 15 in the end walls. When such door is removed, ready access is had to the drum for removal and replacement of the sheet 11. The latter may be secured to the drum by an adhesive applied to the longitudinal edges of the sheet. The preferred material for the drum cylinder is heavy fiber board or cardboard, and the drum ends may consist of wooden disks 16. The sheet 3 is readily removable for replacement or revision purposes, being slidably received in grooves 17 in the cabinet ends, and the cabinet top having a slot 18 accommodating such sheet.

While the invention has been exemplified as serving to identify and locate vehicle parts, it is evident that it may have a similar utility with respect to parts of any machine, apparatus, or other complex assembly.

What I claim is:

A rotary data specifier comprising a cabinet formed with an elongated window, a sheet car-

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ried by the cabinet and having an edge spaced from an edge of the window to form a slot approximately coextensive with the window, said sheet carrying the names of different items of stock, arranged in columns extending substantially from said slot, a revoluble drum extending substantially coextensively with said slot within the cabinet, said sheet occupying an approximately tangential relation to the drum, and the cabinet having end walls slotted to slidably receive such sheet, said sheet having a marginal portion exteriorly projecting from the cabinet to facilitate insertion of the sheet in and its removal from the cabinet, means journaling the drum in the cabinet, means for manually rotating the drum, and a sheet peripherally carried by the drum, and carrying lines of reading matter parallel to the drum axis and spaced for individual display through the slot, said lines respectively identifying different assemblies, and each

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line further containing a row of locating indicia for parts of the assembly identified by such line, each item of such indicia, when displayed through the slot, registering with a column identifying a part to be located by said item.

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