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1,511,245

J. J. TRISKA

SELF FEEDING BUFFING WHEEL

Filed April 21, 1921

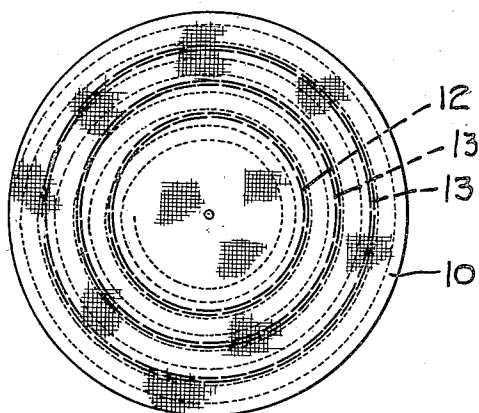


FIG. 1.

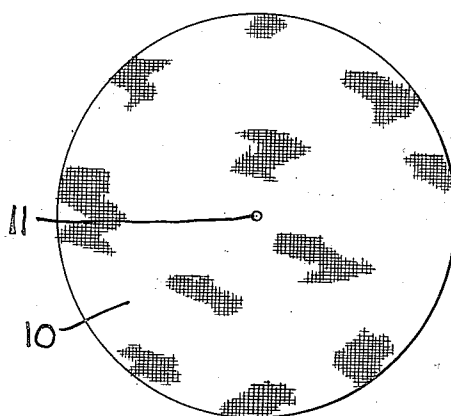


FIG. 5.

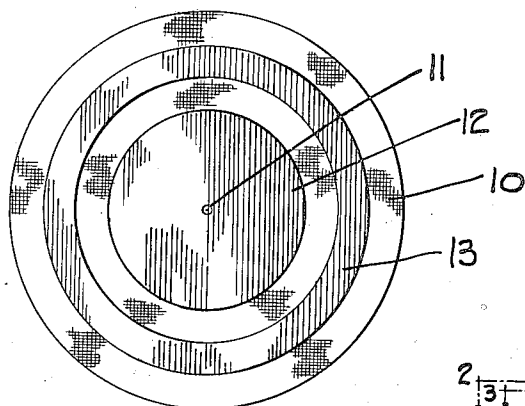


FIG. 2.

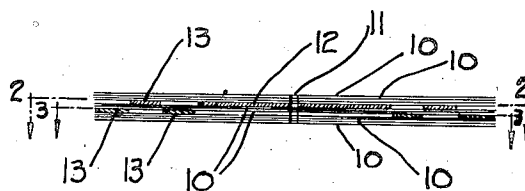


FIG. 4.

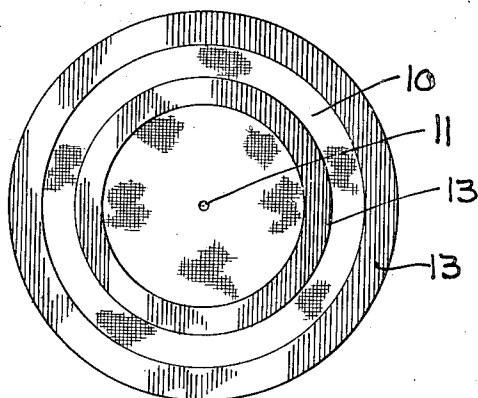


FIG. 3.

INVENTOR

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BY

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UNITED STATES PATENT OFFICE.

JOSEPH J. TRISKA, OF CHICAGO, ILLINOIS.

SELF-FEEDING BUFFING WHEEL.

Application filed April 21, 1921. Serial No. 463,281.

To all whom it may concern:

Be it known that I, JOSEPH J. TRISKA, a citizen of the Republic of Czechoslovakia, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Self-Feeding Buffing Wheels, of which the following is a specification.

This invention relates to an improved self-feeding buffing wheel and is particularly adapted for buffing or polishing surfaces of metals or other materials.

Heretofore the buffing wheels employed were made of soft fibre, muslin, cotton and the like and these wheels were saturated with various preparations or compounds to facilitate their action. My invention contemplates as an object a buffing wheel comprising a plurality of cotton flannel disks interlaid with other disks or rings impregnated with a buffing or polishing compound and having these impregnated rings or disks arranged for their successive feeding during the operation and gradual wear of buffing wheel.

With these and other objects in view my invention consists in the novel construction, combination and relative position of the parts and members hereinafter described and shown in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawing in which like reference characters indicate like or corresponding parts:

Figure 1 is a side elevation of a buffing wheel embodying my invention. Figures 2 and 3 illustrate respectively views of the layers taken on lines 2—2 and 3—3 of Figure 4, which is a cross section of a wheel of this character preliminary to the stitching or sewing together of the various disks. Figure 5 shows a plain disk of muslin, cotton, flannel or any suitable buffing material.

Referring to the illustrations, the buffing wheel here shown as embodying my inven-

tion consists of a plurality of buffing disks 10 made of muslin, cotton, wool, flannel or any other suitable material, which buffing disks 10 are interlaid, preferably alternately, with flat members, disks or rings 12 and 13 of suitable buffing material which is impregnated with a buffing preparation or compound, as for instance, in buffing brass or copper, the buffing compound might include as elements, stearic acid, paraffin, tallow, tripoli (infusorial earth), silica, and quartz, or for use in nickel work, stearic acid, petroleum, paraffin and Vienna lime. The buffing wheel here preferably shown has a central disk 12 and outer alternately spaced rings 13 with two of the interlaid disks 10 as separators. These disks and rings are laid in the order or arrangement shown in the cross section, Figure 4, and are then sewed together or stitched spirally as shown in Figure 1. It is obvious that the number and the order or arrangement of plain disks 10, impregnated disks 12, and rings 13 can be varied.

I claim:

1. A buffing wheel comprising a plurality of plain discs and a plurality of compound-impregnated members, said compound-impregnated members comprising a central disc member and a plurality of annular members of different diameters, and being arranged in pairs and having said plain discs separating each pair.

2. A buffing wheel comprising a plurality of plain discs, a central compound-impregnated disc and a plurality of compound-impregnated annular members, said impregnated disc and annular members being arranged in pairs and inter-laid with said plain discs and said annular members increasing progressively in diameters from the center of the wheel.

In witness whereof, I have hereunto subscribed my name this 18th day of April, 1921.

JOSEPH J. TRISKA.