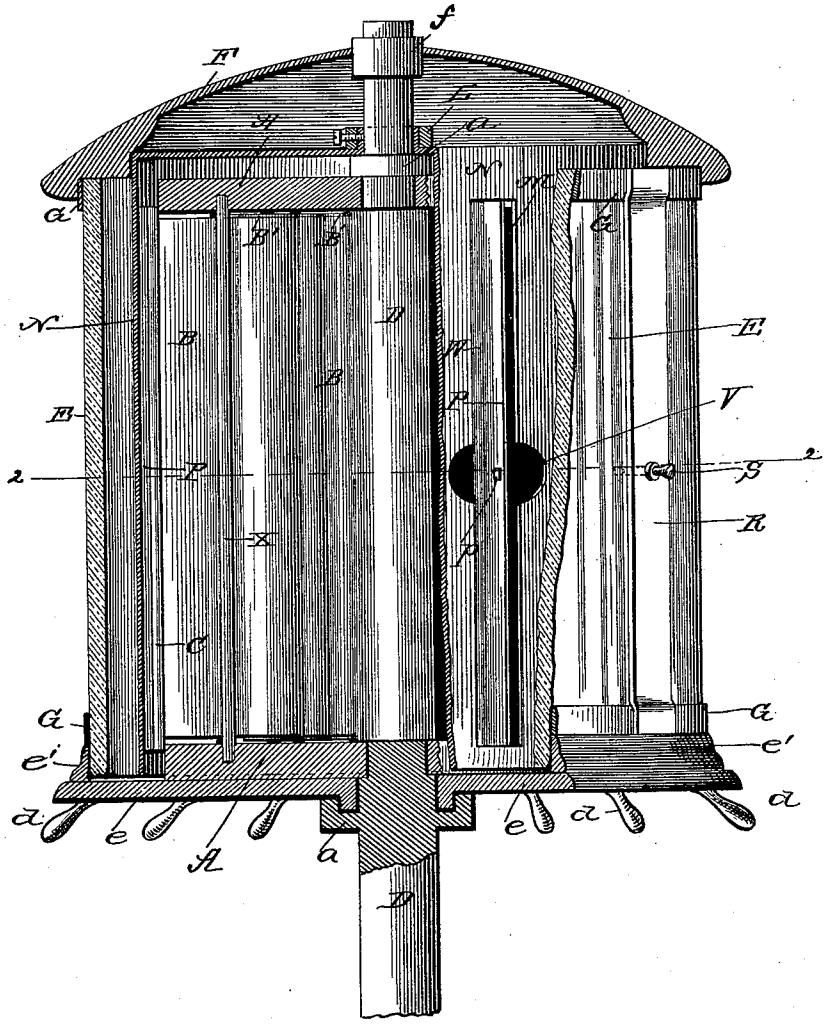
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J. F. DEEVES & R. U. J. GAUTHREAUX.

INDICATOR OR DIRECTORY.

No. 434,325. Patented Aug. 12, 1890.

Fig. 1.



WITNESSES:

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INVENTOR:

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ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

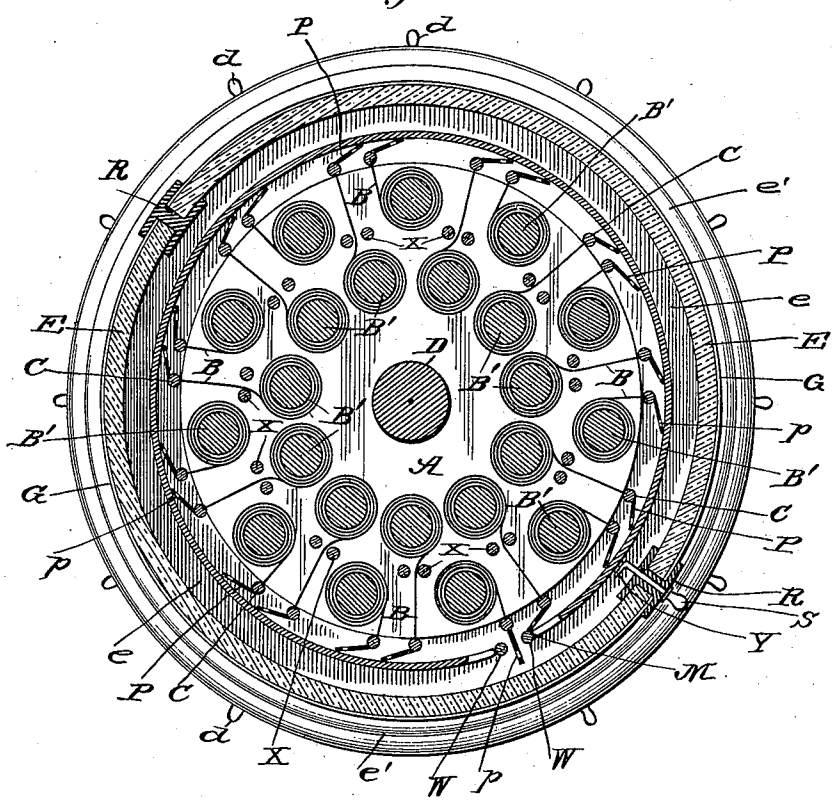
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Fig. 2.



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UNITED STATES PATENT OFFICE.

JOHN F. DEEVES AND RICHARD U. JOS. GAUTHREAUX, OF NEW ORLEANS, LOUISIANA.

INDICATOR OR DIRECTORY.

SPECIFICATION forming part of Letters Patent No. 434,325, dated August 12, 1890.

Application filed November 8, 1889. Serial No. 329,700. (No model.)

To all whom it may concern:

Be it known that we, JOHN F. DEEVES and RICHARD U. JOSEPH GAUTHREAUX, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and useful Improvement in Advertising Devices or Public Directories, of which the following is a specification.

The invention consists in the construction and combinations of parts, hereinafter described and claimed.

Referring to the accompanying drawings, Figure 1 is a vertical longitudinal section partly in elevation. Fig. 2 is a horizontal section on the line 2 2, Fig. 1.

The same letters of reference indicate corresponding parts in all the figures.

Our invention more particularly consists in a machine designed to be placed on public thoroughfares and in prominent places in cities for the free use of the public, and which will contain a complete list of the residents of that city and their addresses alphabetically arranged, complete lists of the business houses and streets, a city map, list of different churches, fire-alarm list, location of railroad-stations, and all other such information as may be needed by the inquirer, whether a stranger or citizen.

Referring to the several parts by letter, D indicates a stationary post on which the machine proper is mounted and supported.

The inner revolving frame of our machine consists of the upper and lower disks A A, which turn freely on the post D, being supported by collars *a a*. A circular bottom piece *e* is affixed to the lower disk A, and revolves with it on the post D, having a number of downwardly-projecting handles *d*.

In the circular disks A are mounted the ends of a series of spring-rollers B′, which may be similar in construction to the ordinary spring-curtain rollers. Upon these rollers B′ are secured and wound bands B of linen or other suitable materials, and the outer ends of these linen bands are secured in metal strips or rods C, which are longer than the space between the disks A, so that their ends will catch against the edges of the disks when the bands B are wound upon the rollers B′.

To each metal strip C is secured a flexible "pull" or tab P, which stands out from each strip in a vertical plane, and may be formed of either rubber or spring metal, and has an eye or hole *p* through its outer end.

The frame A A can carry any number of the rollers B′, arranged around its circumference, as shown, and upon the linen bands B is mounted the desired information. The bands on the inner rollers may pass between vertical guide-rods *x x*, which prevent one band when pulled out from rubbing against the adjacent rollers B′. The rods *x* also hold the disks A together and cause them to revolve together. The linen bands are at all times, when not in actual use, wound upon their respective spring-rollers.

Each metal strip C has a letter or name indicating the matter printed on its strip, marked or painted upon its face, so as to be readily seen from the outside through the slot M of the metal jacket N.

The frame A A, with its rollers, is inclosed in a stationary metallic cylindrical jacket N. The top of this jacket is formed with a central opening and a collar L, while its lower end is open, and the jacket is lowered down over the roller-frame A A until its lower end is just above the bottom *e*, when it is secured to the post D by a set-screw passing through the collar L. This jacket N is formed at one side with a vertical slot M of such size as to permit one of the metal strips C to pass freely through it. The slot P is enlarged at its center at V, as shown.

When the metal jacket N has been placed in position over the roller-frame, it is inclosed by a revolving casing formed of two heavy semi-cylinders E E, of plate-glass, which are brought together to form a cylinder by their vertical edges being fitted into recessed binding strips or clamps R, which are deeply recessed on both sides, as shown, and which hold in position metallic rings G G, at the upper and lower ends of the cylinder E E. The cylinder E E is suspended from its upper end from a revolving roof-plate F, which is mounted and turns freely on a collar *f* on the post D. The lower end of the glass cylinder extends down on the inner side of an upwardly-extending flange *e′* of the bottom *e*.

Through one of the clamping-strips R passes a handle S, having a hooked inner end Y.

In operation, the person desiring any particular information turns the roller-frame by the knobs *d*, affixed to its bottom. By so doing each metal strip C is passed in front of the slot V of the stationary metal jacket N, allowing the operator to read the name or index upon it, until the desired band B is reached. As each strip C reaches the slot M, the outer end of its flexible pull P, freed from the pressure against the inner side of the jacket N, will project through the center V of the slot M. When the desired strip C is brought to the slot M, the handle S is turned to cause its hooked inner end to engage with the apertured end of the pull or tab P. If the outer cylinder of glass E E is then revolved, the linen band B will be pulled out through the slot M and wound on the outside of the metal jacket N in the direction in which the glass cylinder is revolved, thereby clearly displaying the information contained on the linen band. When the pressure on the glass cylinder is released, the spring-rollers will automatically wind the linen band up around it.

W W indicate small anti-friction rollers, which can be secured at the edges of the slot M to reduce friction and wear on the linen bands as they are drawn out and in.

It will be seen that our machine is compact and strong in construction and exceedingly efficient in operation. It can be exposed on public thoroughfares in all kinds of weather and submitted to rough usage without being damaged or getting out of order.

An ornamental figure or device can surmount the machine to advertise any special article or firm, and the surface of the inner metallic jacket N and the roof F may be ornamented with advertisements.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The combination, with a rotary frame carrying a series of spring-rollers having bands wound thereon provided at their outer edges or ends with elastic tabs, of a vertically-slotted cylindrical casing surrounding said frame and flexing the tabs, the said tabs being constructed to successively spring through the slot in said casing, substantially as set forth.

2. The combination, with a rotary frame having a series of spring-rollers carrying bands provided each with an elastic tab and a casing surrounding said frame and having a slot through which the said tabs successively spring and through which the bands may be drawn, of an outer transpicuous casing surrounding the said slotted casing, and having an inwardly-projecting hook or arm to engage any one of said tabs and hold that end of the band while the frame is being rotated to expose the band, substantially as set forth.

3. The combination, with a frame having a series of rollers carrying bands, the outer edges of which are each provided with a longitudinally-extending stop-rod having an apertured tab, said rods being arranged in a circular series with their tabs projecting outwardly, of an outer transpicuous casing having a hook on its inner side adapted to engage any one of said apertured tabs and hold it while the frame is rotated to unwind the band, substantially as set forth.

4. The combination, with a supporting-post D, of the revolving frame A A, the spring-rollers B′, mounted therein, the display-bands B, secured and wound on the rollers B′, the metal strips C, secured to the outer ends of the bands B and having the projecting flexible tabs P, formed with the end apertures *p*, the stationary jacket N, formed with the vertical slot M, a revolving glass casing inclosing the jacket N, and a handle S, extending through the glass casing and having a hooked inner end, substantially as set forth.

5. The combination, with a supporting-post D, of the revolving frame A A, the spring-rollers B′, mounted therein, the bands B, secured and wound on the rollers B′, the metal strips C, secured to the outer ends of the bands B and having the projecting flexible tabs P, formed with the end apertures, the stationary jacket N, formed with the vertical slot M, the revolving outer casing consisting of the roof F, the two glass semi-cylinders E E, the recessed binding-strips R and metal rings G, and the handle S, passing through one of the strips R and having the hooked inner end, substantially as set forth.

6. The combination, with a supporting-post D, of the revolving frame A A *e*, having the handles *d* and guide-rods *x x*, the spring-rollers B′, mounted in the frame A A, the display-bands B, secured and wound on the rollers B′, the metal strips C, secured to the outer ends of the bands B and having the flexible tabs P, and the stationary jacket N, formed with the vertical slot M and having the anti-friction rollers W at the edges of said slot, substantially as set forth.

JOHN F. DEEVES.
RICHARD U. JOS. GAUTHREAUX.

Witnesses:
JAS. C. CLARK,
WM. J. WOODRUFF.