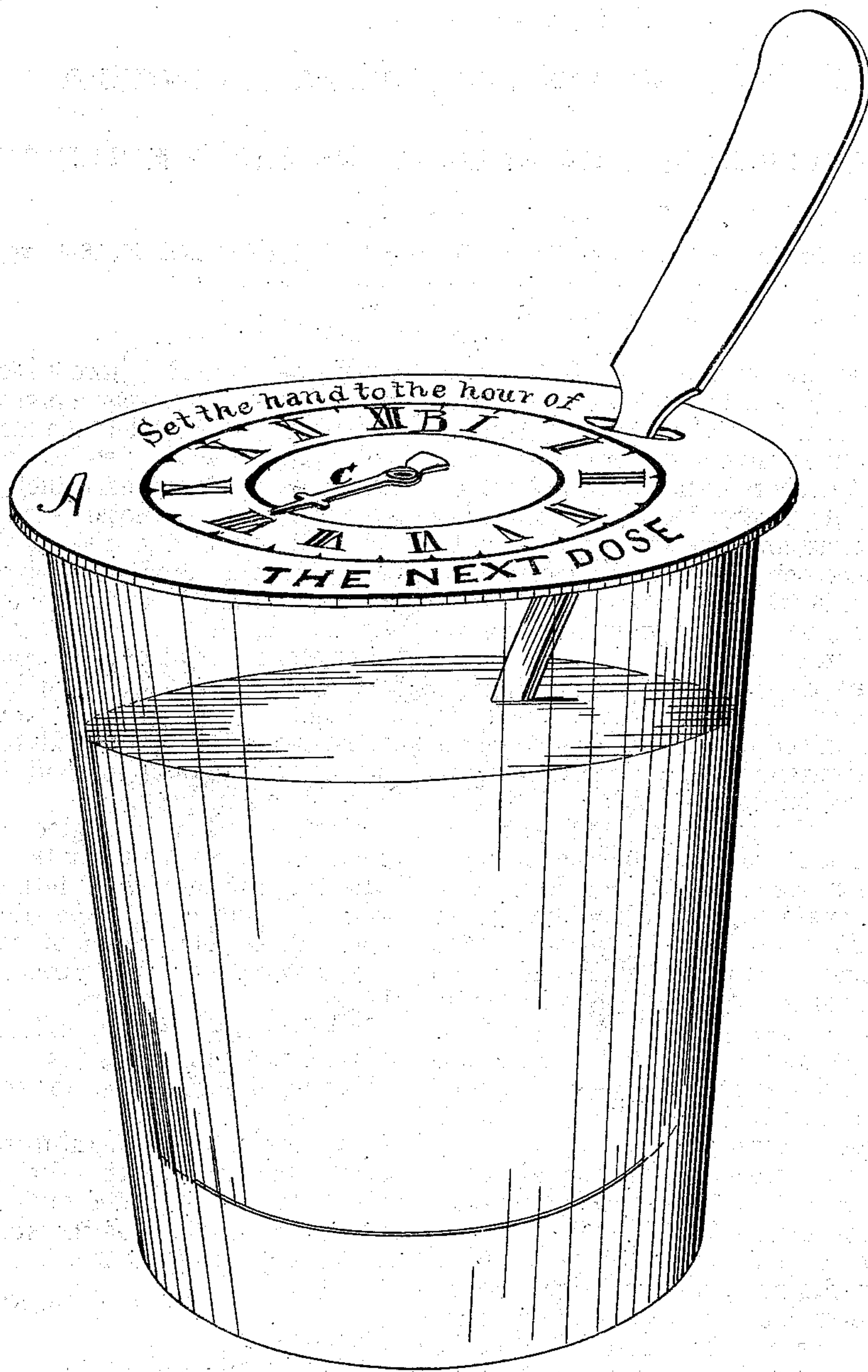


I. W. IVES.

Dose-Indicators and Tumbler-Covers.

No. 156,225.

Patented Oct. 27, 1874.



Attest:~

C. Clarence Poole,  
J. S. Brown.

Inventor:~

Isaac W. Ives  
By his atty R. O. Smith

# UNITED STATES PATENT OFFICE.

ISAAC W. IVES, OF DANBURY, CONNECTICUT.

## IMPROVEMENT IN DOSE-INDICATORS AND TUMBLER-COVERS.

Specification forming part of Letters Patent No. **156,225**, dated October 27, 1874; application filed July 20, 1874.

*To all whom it may concern:*

Be it known that I, ISAAC W. IVES, of Danbury, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Dose-Indicator and Tumbler-Cover; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view, showing my improvement in operation.

It is always a matter of solicitude on the part of those who have charge of the sick to be correct and exact in administering medicine. This device is intended to render mistakes in this particular impossible, either as to the proper hour or the proper order of administration. It consists of a tumbler-cover, card, or dial having the hours indicated upon its face, and a movable pointer which may be set at the hour at which the next portion of the particular remedy shall be administered. One of these dials is employed with each remedy, when more than one is prescribed, so that however they may alternate each dial will indicate the hour when its own remedy shall be given.

That others may fully understand my invention, I will particularly describe it.

It is most convenient to make this device in the form of a disk, A, of card-board, thin metal, or other convenient and proper material. This disk may conveniently and properly be used as a cover for the tumbler or other vessel containing the medicine. In a circle, B, upon its face I arrange the twelve numerals, indicating the hours, with equal intervening spaces, as clock-dials are usually divided. At the cen-

ter of the circle B I place a movable hand or pointer, C, secured upon a pivot with sufficient friction to be retained in place except when designedly moved. Near one edge of the disk A I make an elongated orifice, the elongation whereof is in a direction corresponding with the periphery of the disk for the purpose of admitting the handle of the medicine-spoon when the same is resting in the tumbler, as shown in the figure. Without this orifice the spoon would require to be removed from the tumbler, or the cover would be pushed off to one side. With the orifice to admit the handle of the spoon through the disk the spoon may remain in the tumbler, and the cover may thereby be kept in place.

When a dose of medicine is administered the nurse moves said pointer to the numeral indicating the hour when the next dose of that particular remedy is to be administered, and there will be then no doubt as to the proper time, although another nurse may then be in charge.

The disk may have upon its face proper inscriptions indicating its use.

Having described my device, what I claim as new is—

As a new article of manufacture, a tumbler-cover, A, provided with a dial, B, and pointer C, and with an elongated orifice near the edge to admit the handle of the spoon, all as and for the purpose set forth.

ISAAC W. IVES.

Witnesses:

E. E. SANFORD,  
GEO. E. IVES.