



The Feeling of Reliability

The owner of an FFSA-8 Microscope can put absolute trust in his instrument, because every mechanical and optical detail is right. The precision put in it by B & L master craftsmen, (every bit of material and workmanship is tested and retested) results in a microscope that is accurate and trustworthy.

The optical equipment supplies a range of magnifications from 20X to 1000X, and includes an oil immersion objective. The low power objective is divisible (4X and 10X). The Abbe Condenser is divisible for low and high power work and dark field examinations. The fine adjustment is of the level type, and is positive in action with no motion. It ceases to act the moment the objective touches the slide. A mechanical stage is built on, but can be quickly removed when a clear stage is desired.

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quire that there be an air supply of thirty cubic feet per minute per person, a condition which can only be obtained by mechanical ventilation involving the use of fans. This system is not only costly but may in some circumstances be a menace to health, the Commission reported, since it tends to produce drafts and overheating.

The evidence gathered during the investigation all showed unmistakably that the window-gravity method of ventilation, in the absence of specific unfavorable conditions, is generally more satisfactory than the fan system because it maintains more uniform temperature, humidity and air movement.

Among other things the Commission recommended maintenance of a room temperature of 65 degrees Fahrenheit in corridors, gymnasiums and shops; of 75 degrees in swimming pools and adjacent dressing rooms; and of 68 degrees in all other occupied rooms.

"The avoidance of overheating is of primary importance for the promotion of comfort and efficiency and the maintenance of resistance against disease," the report stated.

"All classrooms shall have at least fifteen square feet of floor space and two hundred cubic feet of air space per pupil," was another recommendation for a model ventilation law.

Science News Letter, November 7, 1931

PATENTS

Plant Patents Necessitate Use of Color Printing

THE monotony of the black and white of the U. S. Patent Office files is now to be enlivened by bright colors. Plant patents, recently authorized by act of Congress, will be issued in full color whenever the color is a part of the "invention" claimed by the horticulturist who has produced the new variety of plant.

The two colored patents issued so far are for a white carnation with a delicate touch of yellow, and for a rose of deep pink.

The necessity for putting out patents in color has set a new problem for the Patent Office officials, for color has never previously been required for any type of patent. Despite the great additional expense for printing, the office is not allowed by law to charge any more for copies of the patents, so it is planned to limit the sale of them to those who can show that they have real need for them.

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