

## INTERESTING ARTICLES

(Continued from page 1.)  
it is properly carried out. A scientific subject, especially, should be presented in such a manner that it may be understood with the least possible expenditure of time and mental exertion by the student. It is not, however, alone sufficient to give a man bare knowledge, nor to teach any subject wholly from one point of view. The ideal course, for experimental sciences at least, seems to be the lecture course, supplemented by assigned readings in a suitable simple reference or text-book, and frequent recitations in the nature of conferences. On his own part, the lecturer must be careful in keeping his notes revised up to date.

Prof. Gill has presented some valuable suggestions in his paper. The main essential in chemical laboratory construction is material which will wear well and resist the action of fumes and acids always present. The best materials for the wall facing is white glazed brick. Ordinary brick painted white will serve, but care must be taken that there is no white lead in the paint. Asphalt, if properly laid, furnishes the best material for flooring, although well oiled birch or hard pine will do. The ideal ceiling is of matched boards, constructed after all floors have been laid, and coated with shellac or varnish. Plaster and cement break up under the action of acid fumes.

Material other than wood for the laboratory desks and lockers proves in the long run very unsatisfactory. Northern pine, whitewood, cedar, and California redwood are the best woods for this purpose.

The problems of ventilation and drainage are very important. Hoods, provided with fans, and outlets at top and bottom, are essential. Pipes and drains must be so placed that any portion of

them may be reached at any time. Iron pipe should be used as far as possible, and care should be taken that pipes have sufficient capacity and fall. Drains should be of tile or pottery, and for sinks the ordinary round stone-ware washboard, provided with an overflow may be used.

## UNION ENTERTAINMENT

(Continued from page 1.)  
the one adopted by the Boston and Maine railroads. A year ago this company introduced a pension system providing for the retirement of all employees reaching a certain age. The retirement fund is contributed by compulsory levies on the salaries of all those employed by the company. This system was voted on by the directors of the road and was approved by two-thirds of the men. Now it is compulsory for all in the employ of the road, except those who voted against it and registered their vote.

This example, Mr. Brandeis pointed out, shows the possibility of developing satisfactory insurance and pension systems.

## THE "DOPESTER"

Yale and Harvard today.

The cross-country is over. See Monday's Tech.

Now for basketball.

This is fine football weather, but if it was only colder it would be great for hockey.

Larz Anderson's Hill is certainly the nemesis of a great many cross-country stars. How many went down to defeat today?

## THE STUDENTS' DRUG STORE

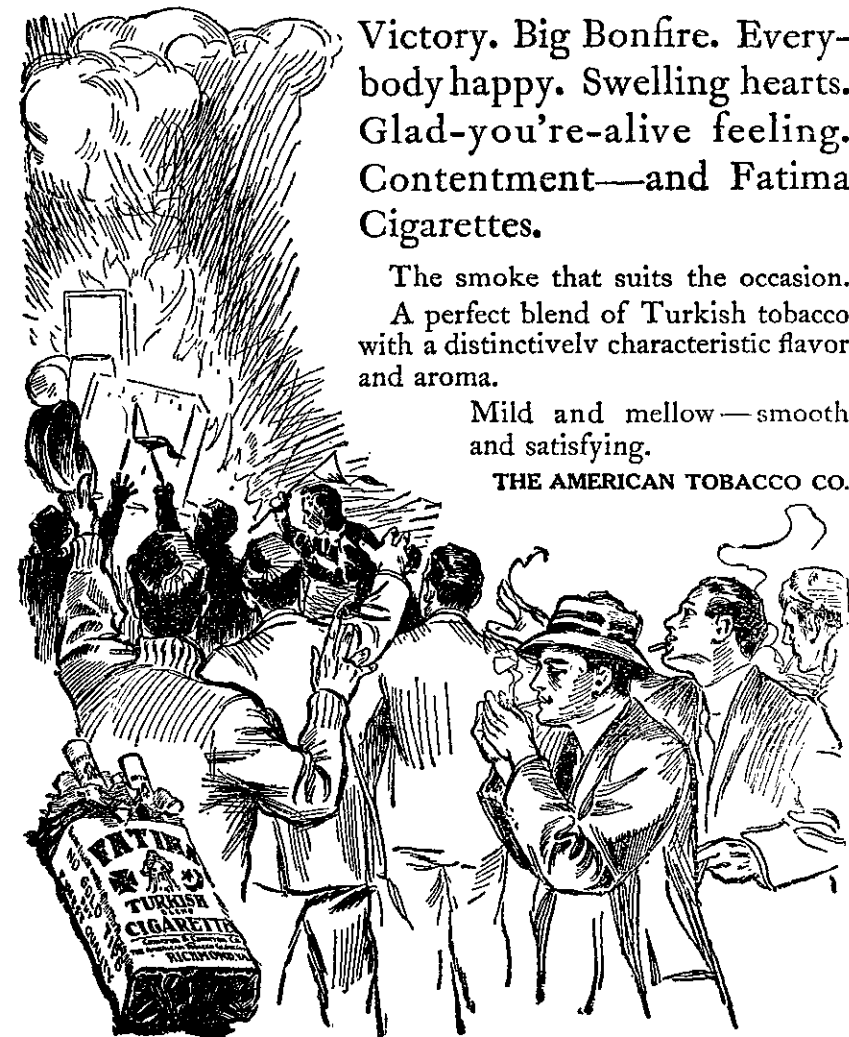
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