BASKETBALL TEAMS WIN BOTH GAMES

Large and Enthusiastic Crowd of Spectators Witness the Opening Games.

MANUFACTURE OF SUGAR IN PORTO RICO

Mr. G. W. Rolfe, Instructor in Sugar Analysis, Speaks to Chemical Society.

THE INVENTING OF AN INVENTION

Mr. J. K. Whiting, '89, Tells Mining Engineers Method of Procedure.

FOUR DIFFERENT STAGES.

Working Out of Process Takes Much Time and Patience is Inventor's Virtue.

In the two small rooms of the Union the Mining Society held last night their last meeting of the year. After all business matters had been discussed, Mr. J. K. Whiting, '89, was introduced, and he talked in a most interesting manner about the method to be used in working out an invention.

The procedure in perfecting an invention may be divided into five stages; the beaker stage, the small model stage, the large model stage, the small commercial plant stage, and the large commercial plant stage. It is very necessary to test the correctness of the theory underlying the invention, to write a description and a drawing, to look up the novelty of the experiment, to investigate the work done along similar lines, and to put out the soundness of the commercial value of the invention. Men years of hard work only to find them non-commercial.

The second stage is that of the small model-sized unit. Here the scope of the machine is restricted to a model which can be operated at a much cheaper price.

In making the life-sized model it is best to call in the services of a good mechanical engineer. When it is finally determined that the invention has been satisfactorily applied for, you must set to work to search out the soundness of the concept.

When you have satisfied yourselves that the small commercial plant stage is first planted up to the time when the large plant stage. It is here that you must be very careful, for the large commercial plant stage is usually necessary to prove that the invention is one of extraordinary value.

In the large commercial plant stage, the large model stage, the large commercial plant stage, and the large commercial plant stage, a complete system of getting an invention in the market is almost complete. The greater the amount of good workmanship in the making of the machine the greater is the success.

Mr. Whiting was a war correspondent in China during the time of the Boxer uprising, and he told many of his experiences in that country.

After the lecture refreshments were served.

SCIENTIFIC MEN AND THE CATHOLIC CHURCH

Catholic Club Hear Lecture By Rev. Fr. Finnegan—Dance Committee Reports.

About fifty members of the Catholic Club heard the Rev. Father Finnegan, pastor of the Cathedral of the Holy Cross, give a benevolent lecture last evening on "The Relations of Science to Religion Today to the Catholic Church." Mrs. J. B. Bourke, Commissioner of Public Works of Boston, was the speaker of the evening; but he telephoned last yesterday afternoon that he was unable to speak on account of a severe cold.

In giving the lecture a business meeting was held, the most interesting feature of this being the report rendered by the committee in charge of the dance which is to be held in...

LYRIC COMPETITION FOR SHOW OPENS

Stage Manager Schell Meets Men Who Will Write Songs For "Frenzied French."

TITLES SUGGESTED.

Show Lends Itself Admirably to Lyric Writing—Topical Songs Wanted.

About twenty men reported at the Show office yesterday afternoon to hear about the lyric competition. This is a fairly good delegation, but better things are hoped for in the near future. The Show lends itself admirably to lyric writing, and this has made evident to the men by Stage Manager Schell, who told them what the lyrics were to be and gave them a few hints as to their general tone. Following is the list suggested by the authorities.

The Trials of a Hound, a duet.

I'll Be Down in a Minute, a quartette.

The Practical Joke, a duet.

Moderate.

Aloha, a double quintette.

The Hurley's Story.

"Am I Thinking of Them?"

If I Could Only Talk Like That, a quintette.

"Can' I" a septette.

"Parlez-Vous Pigeon?" a double sextette.

A Kiss, a Mord, and Cudet, a duet.

Every Night Has Its Romeo.

The following rules governing the contest have been printed by the management.

1. Lyrics are preferably to be typed written on 8x10 paper.

2. Words must be uniform in style and form.

3. Name your name to each sheet.

4. Lyrics should be placed in a folder and mailed to E. H. Schell, care Tech Show, before 9 p.m., January 5th, at the latest.

We shall be glad to consider any words that may be submitted, and the writers will be notified. The list of successful lyric writers will be published in The Tech as soon as the decisions are made. Watch for the Hall of Fame.

Those who intend to write lyrics should remember that local clubs always take with an audience such as the Tech Show gets, and that no words are so

CALENDAR.

160-11914 Meeting—H. F. Case. 10:00—Mandolin Club—Union. 10:30—Filo Club Practice—Union. 11:00—Our Neighbors Society Meeting—L. S. 1:30—Technique Board Meeting—Union. 4:15—Varsity Track Team—Gym. 4:15—1914 Track Team—Gym.

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BOSTON, MASS., THURSDAY, DECEMBER 22, 1910
PRICE TWO CENTS

THE TECH
NEW JAPANESE TREATY CONSIDERED

Senator Knox Hopes It Will Be Entirely Satisfactory.

Negotiations are well under way for a new treaty between Japan and the United States, to replace the treaty of 1855. The questions involved are ones of more than ordinary delicacy, especially the problem of "Japanese exclusion." Senator Knox is sparing no pains in his efforts to perfect a concession which shall not only leave no point unconsidered, but which shall prove satisfactory to all concerned, and to that end is availing himself of the expert opinion and assistance at his command.

Of course, the problem which presents the gravest difficulty is that concerning the admission of Japanese laborers. The existing treaty, while metering to each of the contracting parties absolute freedom to trade in the territory of the other, unrestricted admission of each to the ports of the other, etc., specially provides that nothing which it contains shall be construed in any way to "affect the laws, ordinances and regulations with regard to trade, the immigration of laborers, police and public security which are in force or which may hereafter be enacted in either of the two countries." This provision has always been held by the diplomatic authorities of this country to contain an abundant warrant for the specific exclusion of Japanese laborers.

(Continued from Page 1.)

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LOOKED UP IN THE U. S. ARMY
The U. S. Army authorities know a gun; that's why, when they decided to equip some troops with repeating shotguns, they selected the Winchester in preference to all other makes. The experts of the U. S. Ordnance Board also know a gun; that's why, after submitting a Winchester Repeating Shotgun to all sorts of tests, they pronounced it the best, safe, sure, strong and simple. If you want a shotgun—buy the one whose strength and reliability led the U. S. Army authorities to select it and the U. S. Ordnance Board to endorse it—that's the Winchester.
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Memory is one of them—hence do not forget Fatimas.

Thought is another—think of their goodness, their distinctive individuality.

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Evgs. at 8:20
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