

Math Club to Hear Talks From Members

Future talks at the Math Club meetings will be given by members; at the next meeting, N. G. Lozins will present a paper on "The Life of Pythagoras"; the next speaker, J. O. Bobhill, will talk on "The Pythagorean Theorem and Its Applications." At a future meeting, George Thodos will speak on "Trisection of an Angle, and Duplication of the Cube."

According to Sydney Miner, president, future meetings of the club will be interesting to all students and especially to freshmen, all of whom are invited.

A. I. Ch. E.—

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patent law are to work for a patent attorney or merely to happen into it by accident.

Mr. Parkhurst also discussed the subject of patents. "A patent," he said, "is a monopoly granted by the federal government to an individual for something that is new, useful, and inventive." The articles which may be patented are arts, like new processes, compositions of matter like new chemical compounds, manufactures, and machines. That a patent gives its owner the exclusive right to make and sell his invention is not necessarily true; all it gives is the right to exclude others from his claims. When there are several conflicting patents over one invention, the result is a tangle for the U. S. Patent Office to straighten out.

The first step in patenting an invention is to file an application; it must contain a petition, an oath of purpose, specifications, plans, and claims. Federal examiners look over the applications and decide whether it is new, useful, and inventive.

The other topic taken up at the meeting was the subject of the chemical laboratory fees going to purposes other than the laboratory. It was found, however, that part of the fees had gone toward the storekeeper's salary and repairs.

Fire Protects Visit Interesting Exhibit

During the past few weeks an interesting display of fire department equipment has been shown at Mandel Brothers by the Committee on Fire Prevention of the Chicago Association of Commerce.

Actual fire alarms were received direct from the Central Alarm office in the City Hall and visitors were allowed to listen to the announcement of the location of fire. Visitors were shown how to turn in alarms from boxes. There are about 2560 alarm boxes in Chicago with the greatest number distributed in the loop and in the manufacturing districts.

First aid devices used for extinguishing fires in their incipency were shown. One interesting device consisted of a green flask containing water, ammonia, and salt. It was to be thrown at the fire and if the thrower was lucky, possibly put the fire out.

Relics and pictures of the Chicago fire were displayed in glass cases. One poster gave some interesting information about the Chicago fire department. Chicago purchased its first piece of fire apparatus during the term of Mayor Ogden in 1844 for \$850. At that time lawyers and influential men belonged to the volunteer fire department. It was considered influential politically and otherwise to belong to the fire department.

Class in Management Offered as Elective

Seniors who have completed or are taking business policy, social science 401, have been offered an elective course titled studies in management. This course will carry two credit hours.

After selecting a field or problems for study, the students will investigate the problem by systematic reading supplements by a term report involving application of the principles studied. Material for the term report may be obtained by fieldwork or literary research.

Armour Cage Trip Nets One Victory

Techawks Beat Normal, Lose to Detroit

In an attempt to repeat last year's successful trip, the Armour cagers traveled to Michigan between semesters. Michigan State Normal fell by a score of 29-25 but the Techawks lost to Detroit by the overwhelming score of 53-29.

Armour's victory over Michigan State Normal was the second this year. The Techawks apparently had the game cinched at the half with the score standing at 26-13. At this stage of the contest Normal changed tactics and started shooting from the center of the floor instead of working the ball in under the basket. This system cut down Armour's lead considerably, and in the last ten minutes of play the Hurons outscored the Chicagoans 12 to 3. Heike led the scoring for Armour with six baskets and two free throws. Rukamp led Normal with a total of eight points. Two of Normal's stars, Wendt and Hanneman, were out of the game; Wendt with an ankle injury sustained in the previous encounter with Armour, and Hanneman because of ineligibility.

Scouts Watch Game

The Michigan Normal game was watched with considerable interest by Coach Brazil of Detroit and several members of his team in preparation for the contest with Armour in Detroit on the following Monday.

On Monday the Titians protected a record of eight straight victories and added a ninth by smothering the Engineers under a 53 to 29 score.

The Armour cagers played very disorganized ball, while the Detroit five sank shots from all over the floor.

Box Score			
Armour (29)		Normal (25)	
B	Ft	B	Ft
Heike, f.	6 2 14	Zacher, f.	1 0 2
O'Brien, f.	2 0 4	Garian, f.	0 0 0
Shukes, f.	0 0 0	Bernard, f.	2 0 4
Merz, c.	0 0 0	Rothenberg, f.	1 0 2
Dollenmeyer, g.	1 3 3	Rukamp, c.	3 2 8
Warner, g.	2 2 6	Brow, g.	1 2 4
O'Connell, g.	0 0 0	Wenger, g.	1 1 3
Hofman, f.	0 0 0	Tower, f.	1 0 2
		Good, f.	0 0 0
Totals	11 7 29	Totals	10 5 25

Box Score			
Armour (29)		Detroit (53)	
B	Ft	B	Ft
Heike, f.	3 2 8	Lukosewicz, f.	1 0 2
Shukes, f.	1 1 3	Korwin, f.	0 0 0
O'Brien, f.	0 0 0	Kolhar, f.	2 2 8
Hofman, f.	1 0 2	Cavanaugh, f.	2 2 6
Merz, c.	1 1 3	Lasko, c.	7 2 16
Dollenmeyer, g.	1 2 4	Hurth, g.	0 1 1
Warner, g.	0 0 0	Hecach, g.	5 1 11
O'Connell, g.	2 2 6	Knauth, g.	0 0 0
		Laue, g.	3 1 7
		Hayes, f.	1 0 2
Totals	10 9 29	Totals	22 9 53

SCIENCE NOTES

A new technique for "doping" airplane fabric is so efficient that gasoline poured on a wing can be burned off without injuring the cloth in any way. It consists of the impregnation of the cloth fibers with a boric acid-borax mixture and then the coating of this cloth with cellulose acetate instead of cellulose nitrate as now used.

The meeting of the Association of Consulting Psychologists brings to light the fact that "children at the age of seven should have completely disavowed not only Santa Claus but the entire spirit world, including Easter bunnies and fairies." Girls playing with dolls at the age of seven are reverting to "lower behaviour."

The letter A appears at the beginning of the alphabet because in the days when some thoughtful person devised alphabet signs to represent sounds, the ox was worshipped as a god. A is for alep, ox. In the Near East, a man does not start on a journey or begin work without calling God's name, and it was proper to begin the alphabet with a sign of deity. The second letter, B, stood for house, the symbol of the family, or man, and properly second to God. And so on through the alphabet, there are certain meanings deeper than those usually assigned to the picture signs.

—Science News Letter

Better Vision Institute reports that studies on paint reflection values show that white has a reflection value of from 84 to 89 per cent, cream 77 per cent, buff 63 percent, light green 22 per cent, gray 46 per cent, brown 16 per cent, and black only 2 per cent. On ceilings and walls, these values may make the difference between a poorly lighted and well lighted interior.

TECH TRACKMEN TAKE SECOND IN TRIANGLE MEET

Last Saturday's triangular track meet, bringing together Armour, Loyola and Chicago, at the University of Chicago's field house, was won handily by the home squad, who piled up a total of 64 points. Armour, with a total of 32 was second, and Loyola brought up the rear with 23.

Although the Chicago boys ran away with seven firsts and a half dozen seconds, Armour, despite the absence of Captain Concolino, came in for their share of honors by taking all of the distance events. Finnegan took both the half mile and the mile, and Faust took the honors in the two mile run.

The most outstanding performance was turned in by Finnegan in winning his events. In the mile, the first of the two, Finnegan and Smith of Chicago ran toe and toe for most of the race. Starting out behind his man, he remained there until he thought proper to step into the lead. This lead was retained most of the remaining laps, and dropping back when two laps remained, Finnegan remained in second place, close behind Smith, until they had but a hundred yards to go, then, with an astonishing burst of speed, passed his man and won by several yards.

In the half mile event Ryan of Armour stepped into the lead with Finnegan following a close second. Throughout most of the race nothing much was done to alter these positions but in the last lap Ryan began to tire and James of Chicago drew closer. Finnegan at this point came up along side of his team-mate and attempted to urge him on, but Ryan had had his time and was just too tired to do anything about it, so that all Finnegan could do was win the event himself, with Ryan giving over second place to James.

Summaries

60 Yd. Dash—Won by Krause (C). Neal (A) 2nd, Bartlett (C) 3rd, Neuert (A) 4th. Time—6.5.

440 Yd. Run—Won by Warwick (L). Wassen (C) 2nd, Neal (A) 3rd, Ballanger (C) 4th. Time—52.1.

880 Yd. Run—Won by Finnegan (A). James (C) 2nd, Ryan (A) 3rd, Deuter (A) 4th. Time—2:10.4.

1 Mile Run—Won by Finnegan (A). Smith (C) 2nd, James (C) 3rd, Toomin (L) 4th. Time—4:50.1.

2 Mile Run—Won by Faust (A). Hayes (L) 2nd, Dannis (A) 3rd, Scheid (L) 4th. Time—11:8.8.

70 Yd. High Hurdles—Won by Beal (C). Newman (C) 2nd, Powers (L) 3rd, Fleig (A) 4th.

70 Yd. Low Hurdles—Won by Newman (C). Nurenberger (L) 2nd, Handy (C) 3rd, Powers (L) 4th. Time—8.2.

Pole Vault—Won by Steele (C) and Ballanger (C). Burnis (L) 2nd, Berwanger (C). Height—10 ft. 6 in.

High Jump—Won by Gordon (C). Wass (W) and Surkis (L) 2nd, Kobak (C) and Runtz (L) 4th. Height—5 ft. 10 in.

Shot Put—Won by Berwanger (C). Bartlett (C) 2nd, Dunbar (A) 3rd, Scheid (L) 4th. Distance—43 ft. 8½ in.

Half Mile Relay—Won by Chicago. Armour 2nd, Loyola 3rd. Time—1:34.9.

For every homicide case in England, approximately 18 occur in the United States.

A recent foreign patent uses zinc or aluminum soaps as impregnating agents in a new waterproofing process for fabrics. The material is treated, either during the impregnation or afterwards, with a solution of formaldehyde. "Excellent results" are claimed on both fabrics and paper.

After journeying 13¼ miles into the stratosphere, spores of plant disease are still growing in a laboratory of the Department of Agriculture. The spores, carried on the balloon Explorer II, had to withstand: (1) Temperatures lower than 65 degree below zero Fahrenheit; (2) very low atmospheric pressures; (3) ultra-violet rays from the sun which never reach the earth and are capable of killing some forms of life; (4) ozone; (5) extreme dryness.



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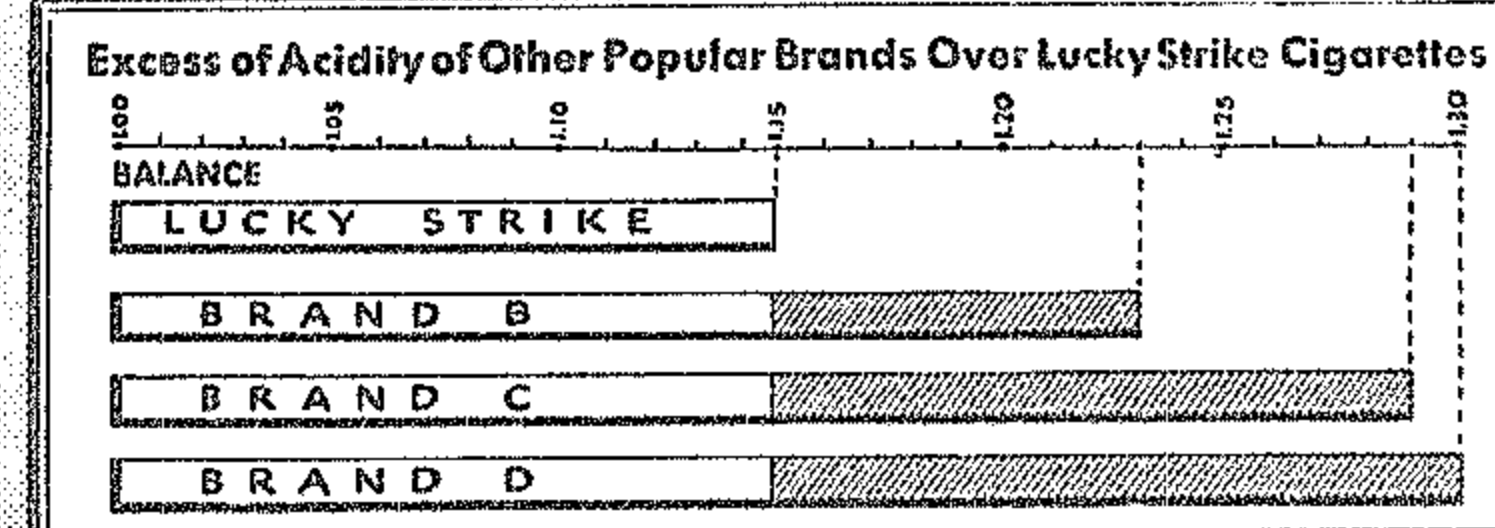
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We believe that Lucky Strike Cigarettes embody a number of genuinely basic improvements, and that all these improvements combine to produce a superior cigarette—a modern cigarette, a cigarette made of rich, ripe-bodied tobaccos—A Light Smoke.

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Luckies
a light smoke
OF RICH, RIPE-BODIED TOBACCO—"IT'S TOASTED"