

The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXIX

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GRATIS

Delegation Attends NSA Congress at Urbana, Ill.

Beginning with a walkout from the Student Editorial Affairs Conference, and winding up with a constitutionality challenge at a National Student Congress Plenary Session, the MIT delegation to the 12th Congress sponsored by the NSA (National Student Congress) spent nearly two weeks in discussion groups and legislative sessions on campus problems at the University of Illinois.

The delegation, headed by UAP Chris Sprague, '60, included Frank Tapparo, '60, Baker House President; Farley Fisher, '60, SCEP Chairman; and Linda Greiner, '60, THE TECH News Director.

Prior to the Congress itself, the NSA sponsored a special conference for student editors—the SEAC (Student Editorial Affairs Conference). The MIT walkout on SEAC came during a legislative session in which a bill on the National Defense Education Act came on the floor. MIT objected to consideration of such a bill, on the grounds that it was not the business of the group to consider issues of this type. After heated arguments on both sides, the student editors voted to consider the bill, at which point MIT walked out on the conference and asked to have its name removed from the records of the 3rd Annual SEAC. Immediately after, several other schools followed in the walkout — Notre Dame and Pratt Institute among them.

While the SEAC was going on, UAP Chris Sprague was attending SBPC (Student Body Presidents' Conference), another NSA sponsored conference. The SBPC heard a report from four students who were in Vienna for the communist-sponsored World Youth Festival this summer. Also on the SBPC agenda was a talk by Dr. Dana Farnsworth, Dean of the Harvard Medical School and one-time Dean of Students at MIT. Dr. Farnsworth spoke on the role of student government.

As the Congress itself began, the MIT delegation joined the workshops and discussion groups, and led three of them. Frank Tapparo chaired a

workshop on Science and Higher Education; Chris Sprague ran a workshop on Parliamentary Procedure; and Linda Greiner led one on Women and Higher Education.

From the workshops and subcommittees, the Congress proceeded to Committee sessions. These legislative committees amended and passed bills which had been drawn up from the previous groups, and prepared them for presentation on the plenary floor.

While all this was going on, the delegates had the opportunity to hear various speakers — the notable one being Robert Kennedy, counsel to the Senate Labor Rackets Committee. Mr. Kennedy gave a rundown on the labor rackets which the Committee has been investigating.

The Congress plenary, the main legislative body of the NSA, became involved in nearly 24 hours of debate after the MIT delegation challenged the constitutionality of a resolution encouraging nations to ban nuclear testing. The challenge was based on an interpretation of a clause in the NSA Constitution restricting the NSA's legislation to matters dealing with "students in their role as students." After the day-long debate, the constitutionality of the resolution itself was upheld, although one phrase in the original was declared unconstitutional. MIT abstained from the vote on the bill, and later read an explanation of their vote into the minutes. The delegation abstained since it did not feel that the bill should have been considered and did not wish to vote on a bill which it considered unconstitutional.

On the lighter side, 190 of the Congress participants were invited to visit Cuba absolutely free of charge as guests of the Cuban government. Frank Tapparo was chosen as one of the 190, as was George Henry, '59. The two spent a week in Havana, staying at the Havana Hilton and being entertained by the Cuban government on the "Operation Friendship". Watch future issues of The Tech for Tapparo's story of his week in Havana —

(Continued on page 5)

Term Ratings Show Increase in Spring

Beta Theta Pi returned to the top of the scholastic standings, with East Campus running a close second, in the tabulation of last Spring's term ratings.

In general, averages were on the increase from the Fall term, with the non-fraternity, fraternity, and all-students average each increasing about one-tenth of a percentage point. Once again, non-fraternity men proved the more ardent scholars, besting the fraternity average by .15.

Scholastic Standings		
House	2nd Term Aver.	1st Term Aver.
1. Beta Theta Pi	3.68	3.61
2. East Campus	3.65	3.45
3. Pi Lambda Phi	3.63	3.41
4. Student House	3.618	3.67
5. Alpha Epsilon Pi	3.615	3.468
6. Sigma Chi	3.59	3.49
7. Theta Delta Chi	3.57	3.47
8. Bexley Hall		
(Soph. to Sen.)	3.53	3.31
General Average —		
Non Frat.	3.5210	3.43
9. Delta Upsilon	3.5210	3.342
10. Chi Phi	3.517	3.09
11. Senior House	3.514	3.441
12. Kappa Sigma	3.511	3.180
13. Freshman		
Women's Dorm.	3.510	2.664
14. Sigma		
Phi Epsilon	3.50	3.200
15. Baker House	3.488	3.448
16. Phi Kappa Sigma	3.480	3.37
17. Burton House	3.46	3.39
18. Sigma Alpha Mu	3.45	3.3487

Bucks For Brains

Climaxing the third biennial alumni officers conference was the announcement of record-breaking gifts of \$575,000 to the institute by more than 15,000 contributing alumni. On September 11 and 12 Old Grads returned to take part in panel and group discussions on current advances in technology at MIT, alumni clubs and contributions. The distinguished list of speakers included Dr. J. A. Stratton, president of the Institute, Professor Alden B. Thresher, Director of admissions, plus other members and alumni of Tech.

19. Non-resident Students	3.44	
20. Delta Tau Delta	3.428	3.24
21. Sigma Nu	3.420	3.460
22. Phi Mu Delta	3.41	3.10
23. Theta Chi	3.40	3.188
General Average of Fraternity Students	3.39	3.283
24. Alpha Tau Omega	3.37	3.268
25. Dover Club	3.34	3.277
26. Phi Sigma Kappa	3.31	3.289
27. Phi Kappa	3.2947	3.18
28. Sigma Alpha Epsilon	3.2940	3.265
29. Lambda Chi Alpha	3.24	3.2258
30. Phi Beta Epsilon	3.236	3.200
31. Phi Gamma Delta	3.231	3.07
32. Tau Epsilon Pi	3.19	3.2250
33. Sigma Chi	3.16	3.49
34. Phi Delta Theta	3.15	3.227
35. Delta Kappa Epsilon	3.09	3.15
36. Delta Psi	2.99	3.04
General Average of All Undergrads.	3.5	3.4

Institute Welcomes 930 New Freshmen; Lectures Spark Orientation Program

MIT welcomed the 930 members of the class of '63 with a new program designed to bring the freshmen into closer contact with senior members of the faculty and capitalize on their enthusiasm for science and related fields.

Abandoning the usual Orientation program of "advice lectures", the Freshman Advisory Council presented a series of lectures by five distinguished MIT engineers and scientists on new or interesting applications of science.

After the registration rush on Thursday morning, the class of '63 took their first series of tests — for the Educational Testing Service at Princeton, and not for credit.

Experiments in Color

The first lecture, chaired by Presi-

dent Stratton, gave the freshmen (and the upperclassmen who managed to sneak in) a look at Dr. Edwin Land's "Experiments in Color Vision". Dr. Land, President of the Polaroid Corporation, has been a visiting professor at MIT since 1956, concerned particularly with sharing with the students some of the pioneering studies which are going on in engineering and science.

Dr. Land's lecture proposed a new idea for the laws of mixing colors. Using apparently ordinary black and white negatives, photographed with colored filters, Land demonstrated how a realistically colored image can be formed using the black and white negatives with filters. In another demonstration, he showed how no color will appear, although classically

Gordon S. Brown, newly appointed Dean of Engineering, topped off the Thursday afternoon lectures with one on "Servomechanisms and Automation". Tracing the modern developments of science and engineering, Dean Brown pointed out the high level of accomplishment reached today in these fields.

Guidance and Gratings

After an evening of living group orientation, the freshmen returned to Kresge to hear Course 16's Doc Draper talk about his inertial guidance system. The system, developed after two decades of study in the Instrumentation Lab, provides accurate navigation with no external reference. Dr. Draper's lecture was supplemented by demonstrations of the principles and operations of inertial guidance systems.

"Diffraction Gratings and Atomic Structure" was the topic of today's final lecture in the series. George R. Harrison, Dean of Science, is also director of MIT's Spectroscopy Lab which has produced some of the finest diffraction gratings in the world. Dean Harrison explained new plans to make the ruling engine for gratings to an accuracy greater than one part in 30 million.

Students Speak

Student Government and the activities took over this afternoon to greet the freshmen and give them a look at what Tech has to offer in the way of extra-curricular activities. Welcomes were extended to the class of '63 by Chris Sprague, '60, UAP on behalf of the Undergraduate Association; Tom Farquhar, '60, President of the Activities Council; and Dick Kaplan, '60, President of Athletic Association. Added attractions were the MIT Glee Club and the movie "The Social Beaver."

And tonight is the Activities Midway in Rockwell Cage, with nearly 50 activities set up to capture the eye and interest of MIT's newest members.

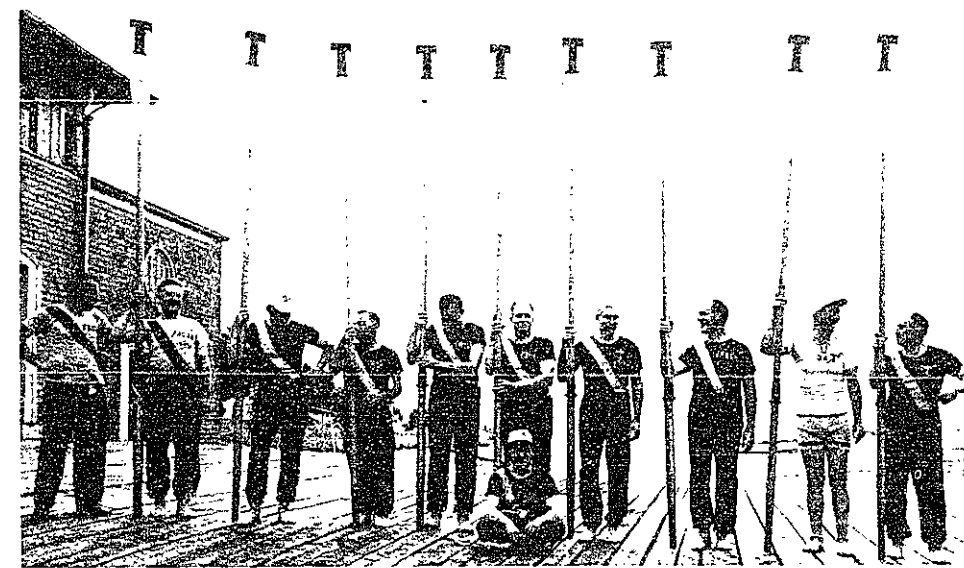
Saturday will see the class of '63 headed for Wingersheek Beach for the Q Club sponsored Beach Picnic — complete with swimming if the weather is right.

The windup for Freshman Weekend will be the President's Reception on Sunday, followed by a closing rally in Kresge.

Frosh Coeds Beautify School

The Class of '63 will be graced by 21 girls this year. Sixteen of the freshman girls will be living at the Woman's Dorm at 120 Bay State Road, and three will be staying at the Student House on the Fenway. The split-up is a result of the large size of the coed sector of the class. Since two of the girls are commuters, living accommodations had to be arranged for the extras.

For those who are interested, here are the names and hometowns of the freshman girls: Karen Affeldt, Gales Ferry, Conn.; Marcia Arentzen, Belmont, Mass.; Vicki Avakian, Weston, Mass.; Marley Ann Bielefeld, Auburn, N. Y.; Frances Dyro, Portland, Maine; Ruth Entine, Philadelphia, Pa.; Deanne Gross, Los Angeles, Calif.; Gloria Goldberg, New York City; Barbara Halley, Lodi, Ohio; Frances Hickey, Hudson, Ohio; Carolyn Howard, Muncie, Indiana; Chris Huk, Freemansburg, Pa.; Cynthia Kolb, Madison, N. J.; Sandra Lensch, New York City; Nancy Lundeen, McMinville, Oregon; Pat Morris, Meadville, Pa.; Barbara Orford, Medford, N. Y.; Pat Selby, Collingswood, N. J.; Pat Skene, Warwick, R. I.; Shirley Spector, Cambridge, Mass.; Joyce Zars, Bellwood, Ill.



Class of 1934 oarsmen at twenty-fifth reunion on Alumni Day in June. Note: robust figures, stout hearts, ruddy complexions, and nine oared shell with substitute oarsmen. See inside pages for details of Alumni Weekend, the Inauguration, and Commencement.

Rush Week Over at Last

Approximately 480 members of the Class of 1963 have just completed one of the most hectic ordeals facing the Techman-Rush Week. MIT's 28 fraternities opened their doors to freshmen for five days of rushing, complete with meals, bull sessions, and all the trimmings. At the end of the Week, 304 had been pledged.

The Tech asked an entering freshman for his impressions of the big show. In his words:

"One of the first impressions of Rush Week received by the attending freshman is that the name is not a figurative term. 'Rush' means running around like a headless chicken, trying to remember enough names to fill a moderate-sized telephone directory, meeting more people and shaking more hands than ever thought possible, touring Houses, eating free meals,

and being chauffeured through the mazes of Back Bay.

"All this is complicated by the problem of deciding which Houses to visit, a problem not especially helped by the postman's nightmare of rushing mail. The freshman soon learns that visiting more than eight or ten chapters is impossible. He must choose the group to which he can contribute most and from which he can derive the most benefit. This is by no means an easy task.

"Of course, Rush Week also holds pleasures, since no one objects to being fed, entertained, and generally treated in royal fashion. Rush Week is certainly a unique experience."

As The Tech goes to press, several hundred fraternity men, old and new, are enjoying their first good sleep in almost a week.

BOX SCORE	
Alpha Epsilon Pi	16
Alpha Tau Omega	7
Beta Theta Pi	8
Chi Phi	16
Delta Kappa Epsilon	12
Delta Psi	7
Delta Tau Delta	8
Delta Upsilon	9
Kappa Sigma	11
Lambda Chi Alpha	16
Phi Beta Epsilon	5
Phi Delta Theta	15
Phi Gamma Delta	15
Phi Kappa	8
Phi Kappa Sigma	18
Phi Mu Delta	3
Phi Sigma Kappa	4
Pi Lambda Phi	13
Sigma Alpha Epsilon	13
Sigma Alpha Mu	6
Sigma Chi	11
Sigma Nu	11
Sigma Phi Epsilon	17
Tau Epsilon Phi	15
Theta Chi	13
Theta Delta Chi	9
Theta Xi	7
Dover Club	12

If You Want Excitement? Join The Tech

Want excitement? Want to find out how the Institute works? Interested in handling vast sums of money? Like to write?

Then The Tech is the activity for you. We have positions open for freshmen on the following staffs: News, Sports, Features, Photography, Editorial, Managing, Advertising, Circulation, Sales and Treasury.

You may not know that we have the third largest budget of all student activities (outranked only by Student Government and Athletics).

To join is simple. Merely drop down to our offices any Sunday or Wednesday night to watch a make-up. We are conveniently located in the basement of Walker Memorial. To be a The Tech man will open many doors to otherwise closed to you.

The MIT Challenge

One new experience after another greets each member of the class of 1963. Fraternities seen, pledged, or left non-Greek; Land, Brown, Draper and Harrison heard expounding on color, automation, guidance, and diffraction; Boston traveled and most probably gotten lost in; all this in just a week with the real objective yet to come.

In every freshman's mind must be the query, "What will school at MIT be like — will it really be much different than high or prep school — how hard is it — will I make it — will I like it?"

Perhaps the last question is by far the most important; the answers to the rest depend on this final answer. MIT will take much more individual effort than most of the newcomers have put forth in the past. The picture drawn in their minds so far has been induced by a number of slickly presented publications which are reliable as far as they go — but the wise freshman will regard such gambits warily.

Many members of the class of 1963 will find themselves in classes headed by thoroughly second-rate instructors. They will find that it is much more difficult to work hard under these conditions than it was in the coddling influence of secondary school. But the material is there and can be had — but it will require the desire to learn, kindled from within.

We hope these grim warnings will not dull anyone's enthusiasm, rather that they will spark the mind with a spirit of challenge for what lies ahead. MIT is an exciting place. It offers scientific and engineering opportunities on a grander scale than can be found anywhere else in the country. Within its walls and its classrooms are thrills and stimulation for the student who is both persevering and creative. Help with any problem can be found — if it is really wanted.

In just four days it will be up to you, freshmen. The rewards can be more than, at this point, you are able to comprehend. So, don't worry if your roommate does a few points better in a quiz, you'll bounce back next week. Best of luck!

What Shall I Do?

Tonight the bleak interior of the cage will be brightly lighted and filled with both freshmen seeking activities and activities seeking freshmen.

In the past several years, this one no exception, the Admissions Office has continued its commendable tendency to select freshmen with a greater awareness of their all-round qualities and a lessened emphasis on purely scholastic performance.

It is in the realm of this all-round development that activities play a significant role. MIT has played the "whole man" theme until it has become trite, yet it does express validly one of the aims of activities. Education in the years between eighteen and twenty-one is certainly more than a purely intellectual broadening. It involves social development and the ability to cope with and successfully handle responsibility as well; qualities outside the bounds of classroom or library work. MIT's fine array of extracurricular activities provide for this type of education.

But more important to the freshman in the aisles of the midway is the fact that in an activity he will be having fun doing something both useful to himself and perhaps to the school, too.

The best advice for getting the most out of MIT we can give is this: Work hard, get into activities (one or two solid ones — but don't overdo it), relax at least one night every weekend.

Simplicity and Grandeur

Outside a light drizzle fell on the unseasonably cold city of Cambridge last June 15th. The Great Court was deserted, preparations for the Inauguration of Julius A. Stratton, '23, as President of MIT in that place having been abandoned at 6:30 a.m.

In the warmth of Kresge Auditorium, however, the ceremony achieved a grandeur unequalled in our experience. Instead of the thousands who would have thronged the lawns only about twelve hundred actually saw the ceremony in the auditorium; in place of the gala procession which had been planned only the honored guests and speakers

marched in to the stately chords of the Boston Symphony Orchestra. The stage was simple in decor — with only the multicolored Kresge curtain hanging behind the dignitaries.

The very simplicity of the setting combined with the knowledge of who was there and what they represented gave the ceremony the aura of importance of which it was so worthy. The light-hearted remarks of Professor William P. Allis, '23, who remembered several extra-academic experiences of "Jay" added a note of intimacy. The other speakers, awesome by their titles alone, paid tribute both to MIT and its new President.

It is our extreme pleasure to join those who have congratulated Dr. Stratton, for whom we have the utmost respect and devotion. In this era of moon rockets and splitting atoms the pathways of science may well be the roads of human progress. MIT must continue to develop men who are capable of the tasks which lie ahead. Under the leadership and guidance of scientist, educator and humanitarian Julian Stratton, we do not see how it can help but succeed.

kibitzer

S—		
H—A K J 10 9		
D—A K 2		
C—A 10 8 4 3		
S—9 5 4	N	S—10 8 6
H—Q 7 4 3	W E	H—8 5
D—J 10 4	S	D—Q 9 8 5
C—9 7 2		C—K Q J 6
	S—A K Q J 7 3 2	
	H—6 2	
	D—7 6 3	
	C—5	

North opened the bidding with one heart. His point count was 22, and he had no reason to open on the two level, especially since he expected a spade response. When his partner did come back with one spade, North jumped to three clubs to show his strength, whereupon South jumped to four spades. The Blackwood convention was unhelpful at this stage, and North made the right bid by calling six spades. North must have confidence in his partner and figure that he is bidding with a strong spade suit; he could scarcely have much else. Most pairs in the tournament ended in a no-trump contract, which is a bad one unless the defenders promise to lead a spade. Without it, declarer can take eight tricks at the most.

At six spades, West led the king of diamonds, which declarer won with the ace and then led a low club, ruffing in his hand. He then drew three rounds of trumps and played ace, king, and jack of hearts, ruffing the third one. South returned to the board with the king of diamonds and led another heart, ruffing. He then led a diamond to the ace and discarded his last diamond on the thirteenth heart, making seven spades.

It is very difficult to bid seven spades, however. Give an extra heart to declarer, instead of his diamond, and he will be unable to make seven.

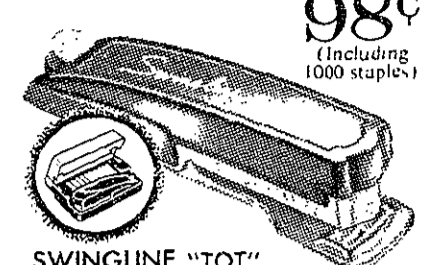
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British Defeat U. S. Team on Charles River

Last weekend the British Universities Sailing Team trimmed representatives of the United States Intercollegiate Yacht Racing Association five races to none in team racing on the Charles. Sailing to win five straight in a best-five-out-of-nine series, the Britishers won three close races in light, shifty winds on Saturday and summarily trounced the Americans in the heavier, less shifty air on Sunday. The Limey sailors seemed at their best in a heavier breeze, whereas the Americans were better, but not good enough, in the light air, always so unpredictable on the Charles.

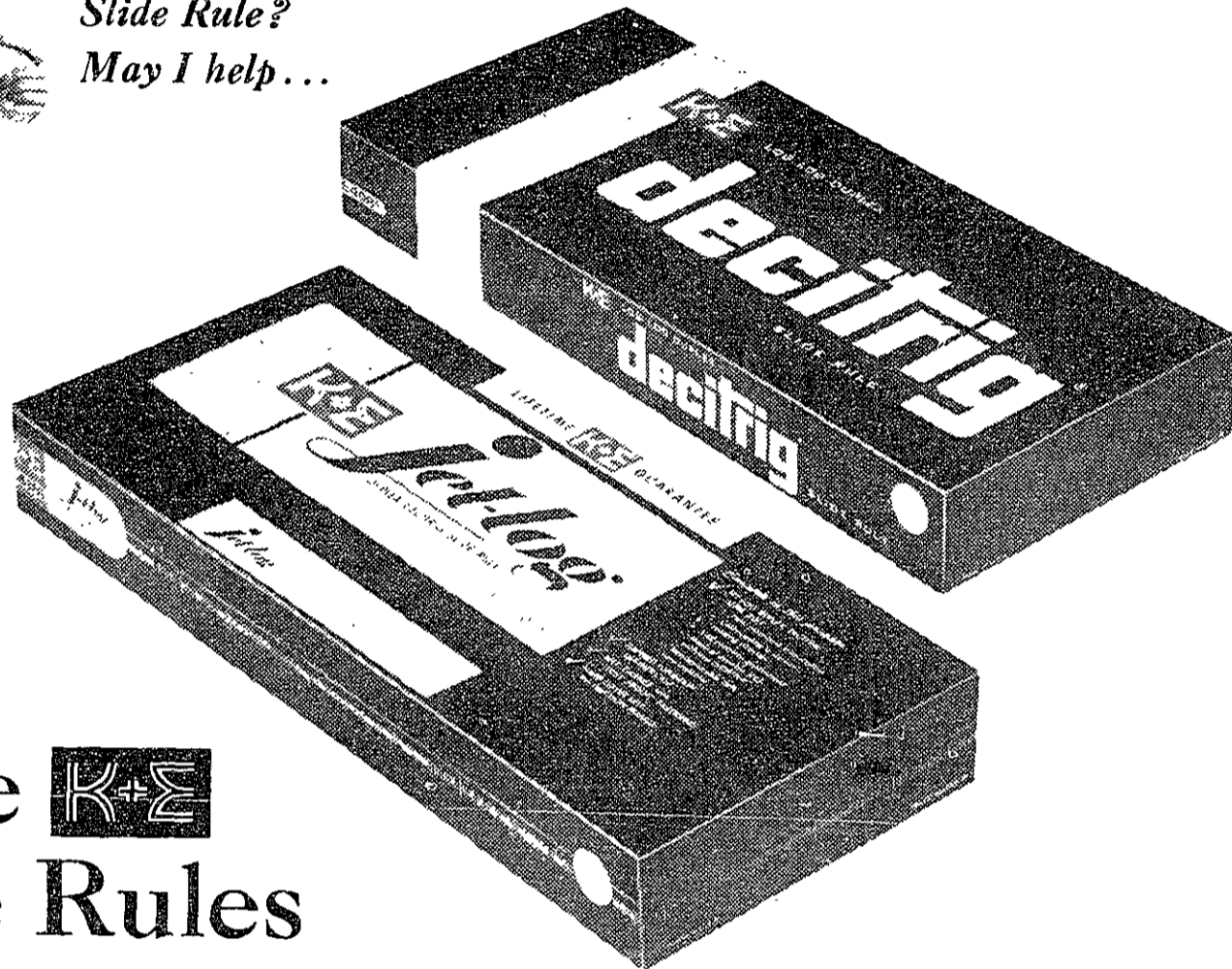
The British team was captained by Brian Appelton of Oxford University. Other team members were Martin Hall also of Oxford, Jeremy Vines, John Evans and Andrew Green of Cambridge University and James Grogono of London Hospital Medical College.

Bill Widnall, MIT '59, headed the American team, while other skippers were Wally Everest and Dick Cook of Boston University and crews were Gary Hirschberg, MIT '61, Don Nelson, MIT '62, and Roberta Burrows of Colby. The Americans suffered strongly from lack of preparation and a wide geographical scattering of possible teammates.

Both winning and losing was taken graciously, and England's representatives were entertained royally by their American counterparts. Some of them even were able to view the MIT Rush Week first hand.



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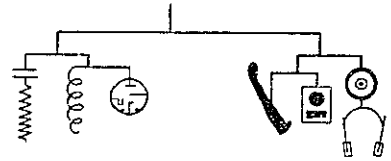
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ANOTHER YEAR, ANOTHER DOLLAR

Today I begin my sixth year of writing this column for the makers of Philip Morris and Marlboro Cigarettes. For this I get money.

Not, let me hasten to state, that payment is necessary. "Sirs," I said a few days ago to the makers of Philip Morris and Marlboro, "if I can introduce America's college men and women to Philip Morris and Marlboro, and thus enhance their happiness, heighten their zest, upgrade their gusto, magnify their cheer, and broaden their bliss, there is no need to pay me because I am more than amply rewarded."

We wept then. I'm not ashamed to say it. WE WEPT! I wish the wisecracks who say big business is cold and heartless could have been there that day. I wish they could have seen the great, shimmering tears that splashed on the board room table. We wept, every man jack of us. The makers wept—the secretaries wept—I wept—my agent, Clyde Greedy, wept. We wept all.

"No, no!" cried the makers. "We insist on paying you."



"Oh, very well," I said, and the gloom passed like a summer shower. We laughed and we lit Philip Morris and Marlboros—and some of us lit Alpines—which is a brand-new cigarette from the makers of Philip Morris and Marlboro—a fine new cigarette with a light touch of menthol and the rich taste of choice tobaccos and the longest filter yet devised. And if you are one who likes a fine new cigarette with a light touch of menthol and the rich taste of choice tobaccos and the longest filter yet devised, you would do well to ask for new king-size Alpines. If, on the other hand, you do not like menthol but do like better makin's and a filter that does what it's built for, ask for Marlboro. Or, if you don't like filters at all, but only mildness, ask for Philip Morris. Any way you play it, you're a winner.

But I digress. "Will you," said the makers of Philip Morris, Marlboro and Alpine, "write about the important issues that occupy the supple young minds of college America this year in your column?"

"But of course," I replied, with a kindly chuckle.

"And will you," asked the makers, "from time to time say a pleasant word about Philip Morris, Marlboro and Alpine?"

"Crazy kids!" I said with a wry grin, pushing my fist gently against their jaws. "You know I will."

And we all shook hands—silently, firmly, manly. And I left, dabbing my eyes with my agent, and hurried to the nearest typewriter.

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* * *

The makers of Philip Morris, Marlboro and Alpine take great pleasure in bringing you another year of this uncensored, free-wheeling column.

SENIOR SMASH

by Philip E. Beach, '59

With theses in and the last undergraduate exams passed and/or failed hundreds of last spring's seniors opened Senior Week with a roaring stag banquet in Rockwell Cage. Major features of the banquet were beer, roast beef, Wild Bill Greene, more beer, fire extinguishers, and fire hoses. Upon arrival, each senior was supplied with a huge goblet for the foaming drafts. After a period of preliminary oiling, the boisterous group consumed a scrumptious roast beef meal while being entertained by toastmaster Professor Bill Greene assisted by Dean Fassett, Professors Hans Mueller, Harold Edgerton, Richard Balsh, and any others whom the crowd could loudly summon. Dr. Stratton gave greetings and best wishes for our futures.

Somehow during dinner an obscure fifty-niner called "Mike" dropped a goblet's contents on a classmate. Such a sour play deserved retaliation, and soon the horseplay multiplied to the extent that one half the diners were sloshing each other down while the other half were unsuccessfully trying to hide. Under such rapid use the

foaming brew soon ran out, but spirits, although somewhat dampened, could not be quieted. The diehards took to the fire extinguishers and eventually the main fire hose of the Cage. Junior class marshalls attempting to stop the melee soon could not be differentiated from the seniors as they were covered with beer, water, or dry ice from fire extinguishers. We challenge any class to a better performance.

Saturday was mystery night as Seniors and dates lit out for the woods of New Hampshire to play at an amusement park and again indulge in beer. But the weather man was unwilling, so all ended up under a tent playing "thumper" and indulging in beer. Again that obscure "Mike" became somewhat beery.

Sunday having been left for temporary recovery, Monday saw the Night at Storyville where we danced, pranced, and sang to the music of Buck Clayton, an outstanding dixieland group. The Charleston was the standby of the night as seniors and dates stomped into the wee hours.

Tiny Tots Take over Tech

Tiny Tots Take Over Tech

Good news for those worried about Tech going to waste during the summer. While we were enjoying ourselves away from here, others were doing same on our hallowed campus. The Institute's first summer day camp was started here this summer by the Athletic Department and coach Al Sotir.

There were no egg rolling contests and few students to bother with Jimmy fund cans, so the urchins, ages 5 to 12, busied themselves with harmless activities such as leathercraft, swimming, painting, etc. Of particular dreaded importance to dorm residents who live on first and second floors is the fact that the kiddies were also taught archery, baseball, and even riflery.

The campers seemed to enjoy themselves as they buzzed from one end of the Institute to another. Not even Boston rain could dampen their spirits.

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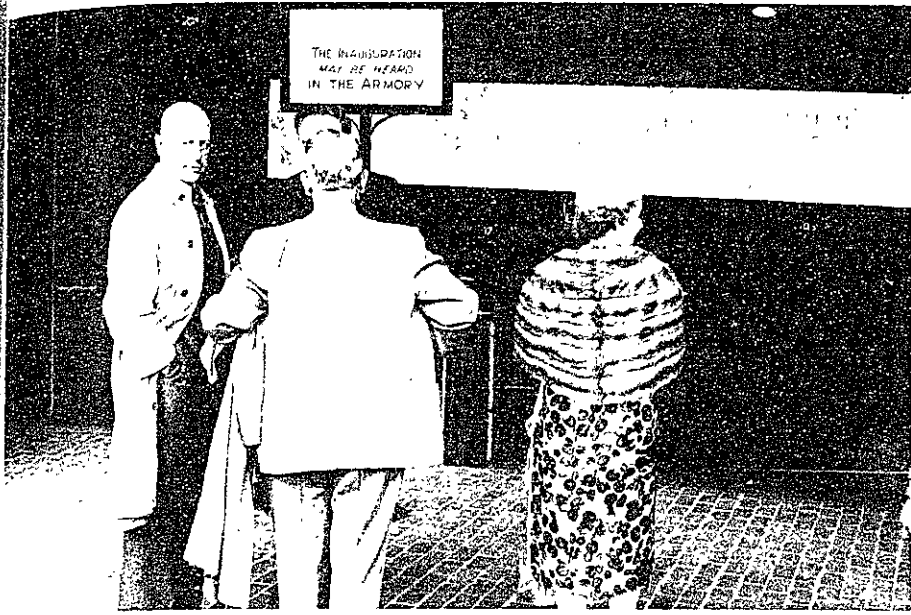
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Rained Out



Stratton Takes Office; Colleges Sends Kudos

While the last drunken days of Senior Week were still in swing, Alumni weekend commenced with Tech grads hailing from all corners of the world. The old Alma Mater was visited by Techmen from as far back as 1894. Various hotels in and around Boston were hosts to the visiting classes which adopted them as headquarters. The activities which the classes organized were many and varied, including a crew race in which the classes of '34 and '59 settled for a draw.

Alumni Day, Monday, June 15, despite every valiant effort of the meteorology department, came with a torrent of showers which completely discouraged any outdoor activities. The thousands of grads who were to assemble for the official inauguration of Doctor Julius A. Stratton in the splendor of the newly constructed amphitheatre known as the great court were driven to the safety of rooftops. The inauguration was rescheduled for Kresge auditorium. As Kresge auditorium has a limited seating capacity, visitors who had come to witness the ceremony of necessity were turned away and asked to listen to the event in the shelter of the armory.

On hand as Dr. Stratton accepted his vestments of office identifying him as the 11th president of the institute were noted dignitaries from world-renowned educational institutions. Dr.

Stratton spoke of the responsibilities of the institute to the world, noting that "Everything that we do, whether for the advancement of knowledge or the interest of public service, should be viewed in the larger context of our teaching mission," and that "sons and daughters shall be leaders in art and science and that their influence shall be brought powerfully to bear on the welfare of mankind."

President Stratton, received many words of praise from the administrators of other schools. On hand to praise and greet him were Dr. Claude Seippel of the Swiss Institute of Technology, President Dubridge of the California Institute of Technology, President Pusey of Harvard University, and president Odegaard of the University of Washington. Also present was president Stratton's predecessor, Dr. James Killian.

Dr. Killian, representing the M.I.T. community, lauded Dr. Stratton: "We honor him for what he is and has done; we salute him as a steward of excellence; we pledge him our full support in his new duties, confident that he will discharge them faithfully and with great distinction." Dr. Killian presented the new president with a copy of the Charter of the Institute and the "authority, privileges and responsibilities of the office of the President."



NSA

(Continued from page 1) and his meeting with Dr. Fidel Castro. Dean Robert J. Holden, Associate Dean of Students, arrived on the University of Illinois campus towards the

end of the Congress to attend the Deans' and Advisors' Conference.

The MIT delegation to the National Student Congress will make a complete report to the Institute Committee at its first meeting.

Design of Plastic Schools Advanced
Prof. Goody Builds Model

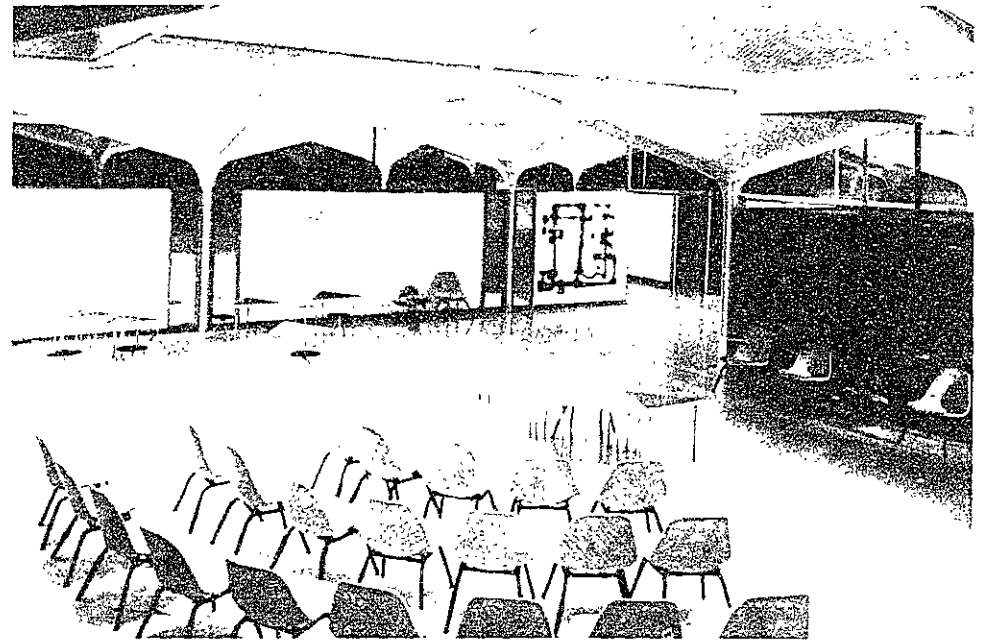
MIT's Department of Architecture has designed a new type of structure which may go far in solving the nation's present shortage of classrooms. A project staff headed by Assistant Professor Marvin E. Goody has designed a model school building made entirely of plastic.

This new building has the advantage over older types in that it can be expanded, converted to new needs and even moved to a new site. The basic unit of the building is a plastic sandwich panel eight feet square and weighing 250 pounds.

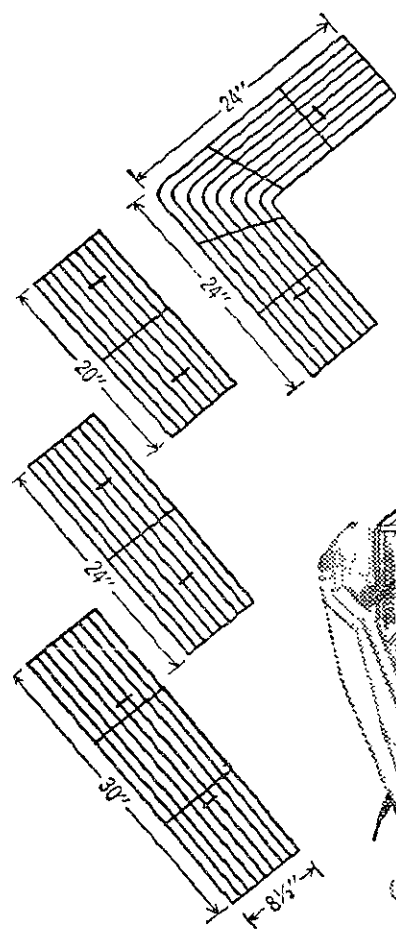
The development of the plastic school springs from a grant-in-aid sponsored by the Plastics Division of the Monsanto Chemical Company, Springfield, Massachusetts. The department of Architecture in conjunction with MIT's Department of Civil and Sanitary Engineering has been studying the architectural use of plastics for the past five years.

These prefabricated panels offer a flexibility in construction to fit any local conditions. Professor Goody said "Our school is an entire system — roof, walls, floor plan, joints and bolts.

The reason for selecting a school as the study unit was because of this nation's need to provide a large number of classrooms at a minimum cost without sacrificing quality. There is a model of one possible elementary school on the scale of one inch to the foot (including inside furniture) in Prof. Goody's office 7-303B.



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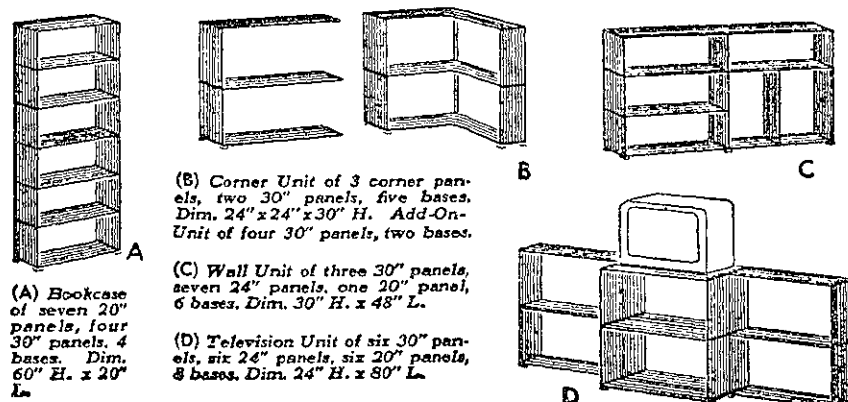


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(C) Wall Unit of three 30" panels, seven 24" panels, one 20" panel, 6 bases. Dim. 30" H. x 48" L.

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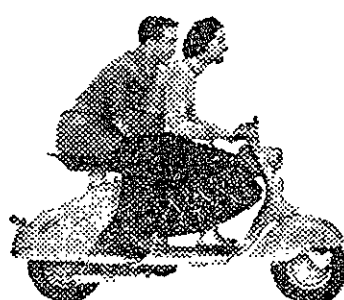
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Commencement Pictures Class of 1959



Leading procession to graduation ceremonies are Senior Class officers, left to right, Bob Muh, Secretary, Dick Sampson, President, and Bud Long, Vice President. The long procession led the 1959 graduates to their places in Rockwell Cage where they received their diplomas and were addressed by Dr. Stratton and the commencement speaker John Cowles, President of the Minneapolis Star and Tribune Company. Dr. Killian gave the Charge to the Graduates saying, "My wish for you, first, is that you can avoid the apathy and indifference to national problems which is all too common today among many citizens."



Mom, Dad, and Sister listen intently while Baby Brother sleeps through graduation ceremonies in one of the coveted seats in Rockwell Cage. Sunny skies and sufferable temperatures helped to make the day a great success.

Russian Journals Available in Library

Current Russian scientific literature will be available to students in abundance under a new program inaugurated by the MIT Library. Under this system, MIT will exchange technical literature with Russian libraries and receive translations of Russian scientific journals from the government's Office of Technical Services. One of nine libraries participating in the USA, and the only one in New England, MIT will receive 10,000 translated articles and 50,000 abstracts in physics, biology and chemistry each year, collected from various government agencies, such as the Central Intelligence Agency.

In addition to these articles received from the Office of Technical Services, the library subscribes directly to 74 Russian journals and 40 from other Iron Curtain countries, including Poland, Czechoslovakia, and Yugoslavia, covering various topics in mathematics, science, and engineering.

Supplementing the journal coverage, MIT has an extensive exchange system with the libraries of the universities of Moscow and Leningrad and other Russian institutions. Five hundred current Russian and American scientific books are exchanged each year permitting MIT to receive many books otherwise unavailable. According to Dr. William S. Locke, director of MIT libraries, the Russian Technical works contain almost no propaganda and are on a par with those of the United States. All books and journals are available to MIT students and the general public.

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phasis is placed on providing athletic competition for the greatest possible number of students.

At the end of the year an all-sports trophy is awarded to the living group that accumulates the most intramural points by fielding the best teams in the most sports. Most houses get every eligible man to try new sports, as

well as to compete in those in which he is already adept. The program is considered an effective means of integrating the members of a living group.

A berth on a varsity team or a previous varsity letter in a particular sport is the only disqualifying factor for members of a living group.

The aim of the program is to give all Tech students of sub-varsity calibre a chance to compete in low pressure, but spirited games. Every possible attempt has been made to encompass all phases of competition so that more and more Tech men may enter the sports of their choice.



A typical weekend scene as two fraternities battle in an intramural football game. It's two handed touch, but line play is rough (with no pads) as is downfield blocking.

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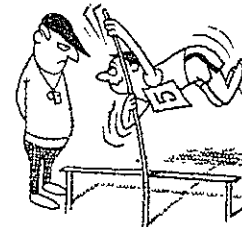
If you saw a girl in a bathing suit on a ski slope, would you say, (A) "What—no skis?" or (B) "Cold?" or (C) "The pool closed three months ago," or (D) "Stay right here—I'll get the guard!"

A B C D



Do you think the statement "It's always darkest before the dawn" is (A) an astronomical truism? (B) a good reason for getting home early? (C) a piece of hopeful philosophy? (D) an argument for night watchmen?

A B C D



Do you think that a man who can pole-vault 16 feet but doesn't like to, should (A) go out and do it anyway? (B) keep the whole thing to himself? (C) do a bit of self-analysis on why he doesn't like to go so high? (D) have the bar set lower?

A B C D



When you choose a filter cigarette, do you (A) ask all your friends, and take their word for what's best? (B) take the one that makes the loudest claim? (C) investigate the facts, then use your own judgment? (D) go for the filter that gives you taste plus filtering?

A B C D

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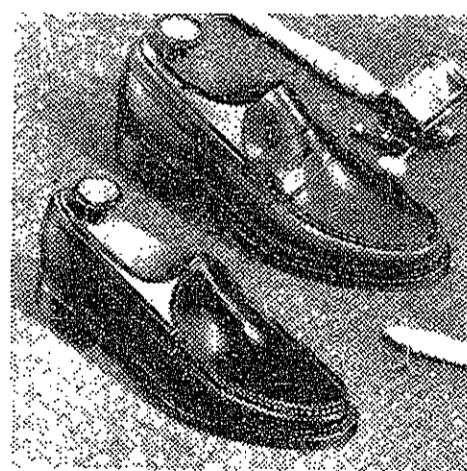
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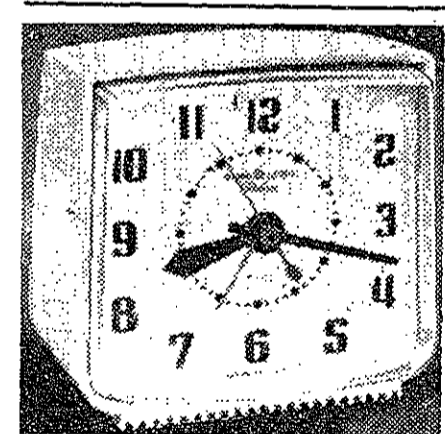
Hand and Bath Towels
Shoe Shine Kits
Shower Sandals
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Pant Hangers
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Electric Bulbs
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Ash Trays
Pillow Slips



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