MIT receives $13 million in patent litigation

By David Vanderwell
MIT will receive a $13 million settlement of a patent dispute with the International Business Machines Corporation, it was an- nounced today.

The dispute involves the digital core memory, which was invent- ed by Professor Jay W. Forrester '45, now of the Sloan School of Management. A further sum may be expected from the Radio Corporation of America, which was also involved in litigation regarding the mem- ory unit.

MIT's patent on the memory device is in the early 1950s, and was granted the patent in 1956. At that time, however, its inventors were contacted by Ian MacGillivray, a research- er employed by RCA. The content of the patent was carried on first through the Patent Office, and then through the United States District Court in New York City in a suit between Research Cor- poration and MIT, that at that time handled all inventions made by staff members at the Institute. The suit involved RCA, which also brought suit against IBM, charging infringement of Forrester's patent.

MIT enters suit

In 1961, MIT entered a suit between Research Corporation and MIT. This suit, at that time, brought suit against IBM, charging infringement of Forrester's patent.

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Interfraternity Conference elects 5, appoints 6 others

Five elective and six appointive offices for officers of the Inter- fraternity Conference action last night, according to the Inter-fraternity Conference action last night, according to the Inter- fraternity Conference action last night, according to the Inter-

President.

Henry Leichstein '65, Sigma Al- pha Mu, was elected chairman of the Interfraternity Confer- ence. Marshall Fisher '56, Phi Gamma Delta, was elected secre- tary of the same committee. Numbers at large are: Bob Large '66, Lambda Chi Alpha; John Proctor '65, Theta Chi; and Robert Assander '66, Sigma Phi Epsilon.

The appointed officers are: Secre- tary, Mike Klinead '66, Alpha Phi Delta; Public Relations Chairman, Alan Steinman '66, Sigma Alpha Mu; and three rep- resentatives to the City Council: John Hawkes '66, Sigma Nu; Joe Slov '54, Phi Gamma Delta; and Earl Bolen '67, Kappa Delta.

Pritchett Lounge increases service; adds pool table and candy counter

A pool table, candy counter, and baseball and bowling machines have recently been installed in Pritchett Lounge. In addition, there are plans to open the adjoining Blue Room for card and chess games.

The director of Walter Memorial, R. J. Radanick, said that the changes are being made "to make Pritchett a more student-oriented center." In addition, the lounge will soon have a magazine stand and pizza oven.

Pritchett Lounge was the first to be built by the Senior House. The lounge remained the same during the years that the lounge was in use. Pritchett was redeveloped and is located on the second floor of the new lounge.

The job is an intricate one which involves the installation of an existing office, labora- tory and collection case and a careful coding and packing of their con- tents for physical shipment. In addition, each article must be re- determined and placed in a pre- determined location, once it has been moved to Building 34, Toby Zidell, a graduate student in Computer Science, takes the job.

Progress rapid

Geology Department moves

by James Voiles

The Department of Geology and Geophysics is making rapid progress in the transfer of its facilities to Building 54, the new Science Center, according to Professor Wil- liam H. Deringer, coordination in- charge of the moving operations. Construction will have completed 75 percent of its portion of the Green Building by the end of the general construction deadline just recently completed. Therefore, the department will increase the size of its moving task by the remaining two months of the term. All of its equipment in the basement, third and fourth floors of Building 24 and in part of Building 20 must be relocated in the new Center.

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Focus:

Class of 1964 Officers

The class of 1964 has experienced representation in its permanent class officers, with a former freshman and two past class presidents.

Steve Glassman
President Steve Glassman of Framingham, Mass., a resident of Baker House, has been serving as class president this past year, and has previously served the class as secretary-treasurer and a member of Junior Prom committee. He has also been head of the Lecture Series Committee and the treasurer of IEEE.

Jerry Luebers
Vice-president Jerry Luebers, the immediate past UAP, will be working with Steve to carry out the above proposals and will bring with him the expertise of a UAP. Jerry has also been a member of Q-Club, and rowed on the crew. He will be his freshman year and part of his sophomore year. He is a member of Sigma Phi Epsilon fraternity and has served the house as treasurer, scholarship chairman, and industry representative. An industrial management major, Jerry lives in Park Ridge, Illinois.

Ron Gilman
Ron Gilman, the permanent secret-treasurer, is a native of Memphis, Tennessee, and a member of Zeta Beta Tau fraternity. He has been quite active in institute politics, as his record shows, having served as head of the freshman council, vice-president of the class his sophomore year, and class president and chairman of the JP Committee as a junior. Ron was a member of Beaver Key, is the retiring chairman of the freshman coordinating committee, and has been in the National Honor Society for four years. He is presently keeping busy as Spring Weekend Committee chairman.

His job as secretary-treasurer of the class will be to handle all the paperwork of the class. It will be his responsibility to keep tabs on what class members are doing as time goes on so that he may publicize this information in Technology Review.

One of the goals of the officers, as stated by Steve, is to do as much as possible to get the alumni association together and to have this association be a more than a fund-raising organization. He believes that the alumni association should be an active service to graduate students by supplying them with information regarding the location of class members, and plans to publish a directory of the class telling where each member will be next year.

It is also felt that better communication is needed in the educational counseling system, and one that the officers and executive committee favor is better informed educational counselors. Those men have the responsibility of interviewing all prospective students.

Peace Corps official lauds Tech response to Corps visit, exam

After the Peace Corps visit to the MIT campus last month, Ted Chalker, chairman of the Division of the Corps reported that response at MIT was nearly three times the national average.

Chalker continues: I was extremely happy with the quality of people who have shown interest in the Peace Corps and I hope this type of enthusiasm will continue.

35 people took the aptitude test administered by the Corps during their visit. Of this number 41 had previous military service and 7 others had previously served in their completed questionnaires.

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Maybe we shouldn’t care how cold people drink beer... just so they drink Budweiser. (After all, we’re in business!) But we do care. And if you think that’s unusual, you ought to see the care we take to brew the beer. For instance, we could save a lot of time and money if we weren’t so stubborn about our exclusive Beechwood Ageing and natural carbonation. But we are... and we have to pay the price. In fact, we know of no beer produced by any other brewer that costs so much to brew and age. That’s why we don’t make it our business to serve Bud at 40°. Also, every refrigerator is designed to cool Bud at 40°.

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Joint Center for Urban Studies fellowships awarded for study to MIT doctoral candidates

Fellowship awards for 1964-65 were announced April 6 by the Joint Center for Urban Studies of MIT and Harvard.

Samuel Stouffer Fellowships were awarded to Robert Goodman, a doctoral candidate from the MIT City and Regional Planning Department, and Chester Hartman of the City Planning Department at the Harvard Graduate School of Design. In addition, George Hammond, on MIT City Planning Department student, was awarded an honorarry Stouffer Fellowship.

G. O. Ray Fellowships were awarded to Harvard Ph.D. candidates Stephen Elinon, John Gardiner, and Joe Peterson. Elinon and Gardiner are government students and Peterson is in the Department of History.

The Joint Center for Urban Studies was founded in 1959 to encourage research on problems of urban and regional development. It is a cooperative research organization which draws its participants from several departments at both MIT and Harvard. The Key and Stouffer fellows will spend a year at the Joint Center working on their dissertations and participating in the program of lectures and seminars conducted at the center.

Parents’ Weekend
April 24-25
Science and government


The National Academy of Sciences' report, which the editorial discusses, can be read in the Academy's letter-size mimeograph. A further discussion of the problems of government partnership with the universities is in an article by Professor Albert Blaustein in The Times-Record.

A blunt warning is only thinly concealed by the diplomatic language of the National Academy of Sciences' report on which the editorial dwells. The report describes how Federal funds for basic research have increased the figure since that time. The accelerated space program has made these activities seem to be the major universities face in this area.

The Department of Defense recently received $82.5 million in Federal funds for operating the defense laboratories. The Department of Defense recently received $82.5 million in Federal funds for operating the defense laboratories. Of these funds came from the Department of Defense and from the space program. The trend in Federal research subsidies is even more striking. In the three-year period prior to 1962, basic research spending increased by $58 million within the government—but jumped by $188 million at the universities.

Federal Aid Necessity

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Federal Aid Necessity

Federal partnership in research is here to stay. The consequence of the use of science as a cold-war weapon and of the spiraling costs of non-military research. Government aid has been very fruitful in many instances. However, it can also distort the function of a university to an alarming degree. Dr. B. D. Van Evert, former head of the Washington Academy of Sciences and dean of a scholarly research at George Washington University, pointed out some of these distortions in a recent speech. Mr. Van Everdingen said that the garb of outside consulting and research has made these activities seem to be the principal end of university life. The same energy poured into research and teaching is more and more the exclusive province of the limited number of students. The same energy poured into research and teaching is more and more the exclusive province of the limited number of students.

The academic year '66-'67 will probably be as managing board of Tech announced soon. The Institute will admin-

What To Do?

It would be folly to suggest that public support of scientific research should be abolished or reduced simply because some problems of government partnership could solve. Probably more, not less, support of science is needed. And when defense, national security, and air are not better, they will be as support for research which has been the major means of supporting scientific research. The problems introduced by research supported by the Federal government can be solved by intelligent action. Next week we will point out how MIT can act to solve the problems which it and other major universities face in this area.

The announcement of the new COOP manager, as per my Footnote 11, is the latest addition to the litany of prophesy- come-true.

Here are more candidates to pass the test of time:

The Crystal Ball

34. As you may know, the decorative theme of the annual Assemblies Ball is usually as spectacular as it is secret (before the event). The decor this time, I'll guess, is to be taken from the history of an island.

35. Those of you hoping for a teaching assistantship in the academic year '66-'67 will probably be as managing board of Tech announced soon. The Institute will admin-

36. Breaking-ground will occur this year for the Institute's third parking garage, in easy walking distance of Tech Square.

37. Clarification of Footnote 8) The Institute will administer NDEA loans to students in teaching assistantships.

38. TSE will be doing future directed charter flights on scheduled routes (instead of ad hoc routes such as Flying Tiger and Caledonia) for reasons of safety. This will follow close scrutiny of statistics such as crashes/mile.

39. Combined with an Institute form, formed Gil- bert and Sullivan Society will be off to a good start when they receive their own black. The ink will be black.

On Stage

Speaking of that show, there were things going on behind-the-scenes that would astound a sophisticated observer. How do you get Krege for a night anyway? Well, the members of Gilbert and Sullivan are still puzzling that out.

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80 percent by May

Geology move underway

(Continued from Page 1) are computers, and most of the materials are stored in the under-
ground tunnels of the Green Build-
ing when they first arrive. Now half-completed, this passageway will eventually connect the struc-
ture to the Life and Sciences Cen-
ter.

Professor Dennis, Mr. Litch-
field, and Professor Daniel P.
Reilly, Course XIX, together co-
ordinate the moving schedule. The
finishing of this project is compli-
cated by the fact that the offices and laboratories to be moved must remain operational throughout
the rest of the term. Conse-
quently, each laboratory of Course
II is being transferred in incre-
ments during the next two months, and many of them will function simultaneously in both
locations for a short period of
Time. Much of the moving must
be delayed until two more high-
speed elevators, a phone system, and several windows are in-
stalled.

Four to thirteen

Portions of the Earth Sciences
Center to be occupied by the de-
partment include the basement
and floors four through thirteen.

The Lindgren Collection of igneous and metamorphic rocks and the Petrology Collection of igneous and meta-
orphic rock have already been set up in their permanent base-
ment locations. These references for research work will be com-
plemented by rock-crushing and
instrument storage rooms on the
fourth floor.

The fourth story is the geology teaching floors, which contain instruc-
tional labs for physical and structural geology, mineralogy, petrology, sedimentology, and stratigraphy. Flows five through
eight hold offices and research laboratories, dealing with such areas as minerals, rocks, geophys-
ics, rock deformation, and crys-
tallography. The geology machine shop, which was moved last week, is located on the sixth floor; and X-ray units for crystallography on the eighth.

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M.I.T. will present a variety of entertainment in Kreeger Auditorium over coming Parents' Weekend. Jazz buffs will enjoy the M.I.T. Concert Jazz Band, formerly known as the Tech-tonians, on Saturday, April 26, at 8:30 p.m. The Nova Ars Trio, whose members are the principal violin, viola, and 'cello of the Boston Symphony Orchestra, will present works of Mozart, Hindemith, and Beethoven. Tickets are $2.00 at the Box Office, ext. 2910, or in the lobby of Building 10.

The M.I.T. Drama Society's major production for this term, Henriek Ibsen's classic "The Wild Duck," will be played Wednesday, April 22, in the Little Theatre. Through Saturday, April 25, there will be evening performances at 8:30, with a special matinee Sunday, April 26, at 2:30 p.m. Tickets are $1.50, on sale at the Box Office or in Building 10.

Music, drama scheduled for Parents' Weekend

Critc's Choice

Griffith’s monumental 'Intolerance' at Harvard

By Gilberto Porce-Guillermo

"Intolerance," at the Harvard Visual Arts Center, Sunday, April 19 at 2:00, may not be D. W. Griffith’s best film (personally, I prefer "Birth of a Nation" or "Broken Blossoms"), although it is undoubtedly his most ambitious one, and remains a magnificent work in any case. Made in 1916, it was Griffith’s answer to the charges of bigotry which were aimed against "The Birth of a Nation" (1915), and which pained and irritated him. By 1916 Griffith had developed, almost single-handedly, the majority of the techniques of the cinema. He was the first to use editing for artistic effect, the first to change the position of the camera within a scene, the first to move the camera closer to the actors.

There were some further developments to come after 1916 (the soft-focusing in ‘Broken Blossoms,’ for instance), but at the making of ‘Intolerance’ Griffith was a mature and highly sophisticated artist. ‘Intolerance’ develops in four separate stories related to the central theme: the condemnation of Christ, the fall of Babylon, the Imperial State of Japan, and a tale of the twentieth century. Griffith’s work is both forthright and clever, and one which should point the way to the showing of some of Griffith’s other works.

"Gigli," shown on Sunday, April 19, in room 26-300, at 7:06 and 9:30, may not be the equal of Vincente Minnelli’s best works (‘The Clock,’ ‘Meet Me in St. Louis’), but it is quite good for these days, the best screen musical since ‘Funny Face’ (1955). It represents a style different from Minnelli’s earlier musicals, in that the story is given central importance, and one which should point the way to the showing of some of Griffith’s other works.

For tickets ($4.75 ea.) write BENEFIT CONCERT FUND, 444 Natick, Mass., or call 237-7263 or CL 5-3947. Sponsored by Christ Lutheran Church of Natick.
'The Nightingale Song.' Ano-
THE LECTURE SERIES COMMITTEE IS PLEASED TO ANNOUNCE THE INSTALLATION OF OUR NEW 35mm PROJECTION EQUIPMENT IN ROOM 26-100. ALL LSC MOVIES PREVIOUSLY SCHEDULED FOR ROOM 10-250 WILL BE SHOWN IN ROOM 26-100 (except April 17 and May 8)

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2) Our brand new 26 foot CinemaScope screen and our new Century projection system with lamp intensity TWICE that of 10-250 resulting in a bigger, brighter, and clearer picture.

Don't miss the opening show in 26-100,

ALFRED HITCHCOCK'S
"The Birds"
this Saturday, Apr. 18 5:00, 7:30, 9:45
35c ROOM 26-100

Please note the revised film schedules:

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This Friday: CECIL B. DeMILLE'S
"The Greatest Show on Earth"
6:30 & 9:00 P.M.
10-250 60c

A Lecture: DREW PEARSON
"Behind the Scenes with the New Administration"
Sunday, April 26 8:00 P.M. KRESGE FREE
3 departments open doors

Geology and Geophysics

The Department of Geology and Geophysics will offer interested freshmen an opportunity to learn more about its programs at its annual open house on Wednesday, April 22, from 4:00 p.m. to 6:00 p.m. in the Emma Rogers Room, Room 30-04.

The department offers programs in geology, geophysics, meteorology, and oceanography. Because of the many divisions, and the small undergraduate enrollment, the course provides highly individualized programs leading to the degree of bachelor of science in earth sciences.

The course requires that each student fulfill a field experience requirement. This may be done by attending the summer field camps for geologists, or by studying on a cruise or working in a laboratory during the summer. Although they are regarded as descriptive sciences, SIT takes a quantitative approach to the earth sciences. The department is near the front of the field of geophysics with the electronic instrumentation techniques it has developed.

Chemistry

The Department of Chemistry will hold its open house for freshmen and interested upperclassmen on Wednesday, April 22, from 4:00 p.m. to 6:00 p.m. in the Emma Rogers Room, Room 30-04.

The main objective of Course 21 is to provide a general education based on science, both for those who seek a bachelor’s degree and a career in chemistry, and for those who wish to go on to graduate study and a professional career in chemistry.

Instruction in the principles of all fields of chemistry is provided along with subjects in mathematics and physics and in the humanities and languages.

Elective time is provided to enable the student to extend his knowledge of fields of special interest. A student who plans to do graduate work will probably take subjects relating to that field rather than those mainly related to industry. The course is a sequence of required subjects, with a choice of restricted electives in three fields of advanced chemistry or additional free elective time. There is also a thesis required in the senior year. The course leads to the degree of bachelor of science in chemistry.

Humanities

The Department of Humanities will give its annual open house tomorrow for Course 21 from 4:00 to 6:00 p.m. in the Hayden Library, Lounge 1450.

The Department offers in Course 21 a balanced program of concentration in the humanities with equal work in a science or engineering discipline. This enables the student to gain experience in the humanities field he is interested in and in a science or engineering field.

Course 21 has a large number of elective hours available. These can be used either for a broadening of the program or for additional work in the student's specialty. Only 24 hours in addition to the Institute requirements are specified by the department; the Humanities Senior Seminar and a thesis. The remaining units are taken by 48 hours of humanities, 52 hours of science or engineering elective courses in one department, and 36 unspecified electives.

In the humanities portion of the program, the student concentrates on one particular humanities discipline of the student's choice, literature, history or philosophy.

The program is designed as preparation for graduate work in law, medicine, business, science, and major fields of the humanities. A bachelor's degree is awarded after four years. An additional bachelor's degree in the science or engineering field may be obtained after one or two terms of additional study.
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Lacrosse squad drops two games in second half

By Neil Gillman

The MIT lacrosse team suffered two more defeats this week at Harvard on Wednesday and Holy Cross on Saturday. The teams in Harvard, 13-4, and to Holy Cross, 11-5, bring the team's record to one win and five losses.

The Harvard game, played throughout a rainy, cold afternoon, was extremely close until the second half when the team's defense fell apart. In the second half, MIT scored one goal to Harvard's seven. When Captain Bill Dreiss '64, Ron Mandel '65, and Bob Bendseley '64 each scored one goal.

The Holy Cross game was played at Holy Cross in optimum lacrosse weather with clear, sunny skies. Here again the team was reasonably close. MIT and Holy Cross 7, until the third quarter when Holy Cross scored three goals to MIT's one. Peter Kirkwood '66 played an outstanding game, scoring four of the nine Holy Cross goals. Bob Wiley '66 was the second high MIT scorer with two goals. Dreiss, Dick Nygren '66 and Dave Driscoll '63 each scored one goal.

Burton A still unbeaten in squash with one week of IM play left

With just one week left to play in the intramural squash season, all four leagues find the teams all pretty much in contention. There is only one undefeated team, Burton A, and a few teams that have only one loss, this coming week's play will determine playoff spots and the opening tournament League standings.

### Intramural softball season nears playoffs; Double elimination tournament begins April 27

by Dick Minnick

The intramural softball season has just kicked off two weeks ago. This is the final week of the regular season's matches. The teams qualifying during the season will compete in the post-season final playoffs to determine divisional position and Intramural Point distribution. The finals will begin the week of April 27th and will be a double-elimination tournament.

### Vulcan table tennis season nears playoffs

Double elimination tournament begins April 27

The teams qualifying during the season will compete in the post-season final playoffs to determine divisional position and Intramural Point distribution. The finals will begin the week of April 27th and will be a double-elimination tournament.
The Engineers continued to power along. Their starting pace of 43 strokes per minute according to their own log kept up throughout the course. By the 1000 meter mark, MIT had a two-length lead and was sprinting strongly forward for the 8-minute mark.

The Tech varsity nine suffered a devastating defeat this past week, dropping eleven in a 3-3 tie to Brown College on April 7 and an 11-2 decision to Wesleyan on April 11. The Engineers were pleased with their record on the 2000 meter course. The course was 6.34; Tech's time was 6.18.

Baseball team drops two; loses 3-2 to BC in 11th

By John Schmert

The Tech varsity nine suffered a doubleheader defeat this past week, dropping eleven in a 3-3 tie to Brown College on April 7 and an 11-2 decision to Wesleyan on April 11. The Engineers were pleased with their record on the 2000 meter course. The course was 6.34; Tech's time was 6.18.

Governor Dummer 8-MIT (F) 2
Phillips Andover 9:10--MIT (F)
Wesleyan 1:19--MBA in a sensational third place finish.

World's Fair fame, have traveled widely, and Edwards won the national swimming title at the Sea View Hotel in Miami. He won the 200 yards and Goodhead, and Vic Zoble, known as "Mr. Aquaman," have traveled the world with their act, which diverging acts performed by the former comedy groups in the country.

Vic Zoble, known as "Mr. Aquaman," has returned the world with their act, which diverging acts performed by the former comedy groups in the country.

As you can see, the All-Sports Week from April 17 to 26 is crammed with a gemstone lot of teams.

Funds become available to field teams for the entire race. With 500 meters to go, Tech had a two-length lead and was surging strongly for the 8-minute mark.

Swim Club to sponsor Aquacaps to raise money for Olympic Fund

The MIT Swim Club will present Aquacaps—94 an evening of entertainment, on Friday, April 12, at the Alumni Pool. The purpose of the crew, held on the 2000 meter course under racing conditions, was to keep an eye on the conditions for being perpendicular.

Tennis record now: 4-3

Racquetmen split pair

The varsity tennis team split their last week's action to bring their record to 4-3. In a match on the courts last Wednesday, the team lost to Harvard in a short one. The team lost to Harvard in a short one, 6-3 count. The Harvard team was played during a straining out, loosening the strings.

The All-Sports Week from April 17 to 24 is crammed with a gemstone lot of teams.

For the winning home run, they drove in two big runs and sent out Wesle, who dropped in a sensational third place finish.

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