

ELECTION ISSUE

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THE SCHOOL OF ENGINEERING AND ARCHITECTURE

TECH NEWS

CITY COLLEGE OF NEW YORK

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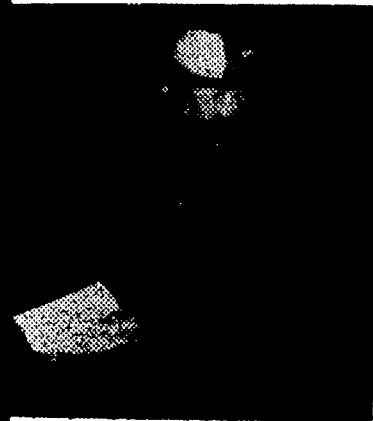
BY STUDENT FEES

ChemE, EE Depts To Use Lectures

In response to the enrollment crisis that is anticipated in September, the Chem.E and E.E. departments will test their own solutions to the problem. While the first wave of the post-war boom is not expected to hit the engineering departments for at least two years after the September enrollment, both departments

tem proves successful, a great saving in classroom space will be realized.

In speaking to Professor Schmidt (Chairman, Chem.E.) about these plans, he stated that "most other colleges both in this country and abroad are present-



Prof. Alexois Schmidt, Ch.E. Chairman



Prof. Herbert Taub, E.E. Chairman

ments have been busy preparing themselves. In September both departments will utilize the lecture system in several test sections of 3-credit courses; that is, say, these sections will have no recitations and a lecture per week instead of the usual three recitations per week. If this sys-

tem proves successful, a great saving in classroom space will be realized. In speaking to Professor Schmidt (Chairman, Chem.E.) about these plans, he stated that "most other colleges both in this country and abroad are present-

(Continued on Page 2)

Chem.E. Curriculum Changes Announced

By MEL PELL

A year and one half after major curriculum changes for the School of Engineering and Architecture have been completed, the Chemical Engineering Department is again altering its course structure. Seven

courses will be given for the last time this fall, and nine new ones will take their place. The changes are in the areas of thermodynamics, unit operations theory, and instrumentation.

According to Professor Schmidt, department chairman, the changes were foreseen some time ago, but could not be made until the curriculum changes were completed. It took time to arrange material, consult with other departments, evaluate previous changes, and overcome technical difficulties. He said that when contemplating curriculum changes, one must proceed in steps and see how things work out rather than making one drastic change. He added that the present alterations were not necessarily final and might undergo further modification.

Discussing the effect of curriculum changes on student programming, Professor Schmidt averred,

"There is never any difficulty in changing programs except in the minds of students." He added that although no changes are possible without some student discomfort, they must be made.

Professor Schmidt views this curriculum modification as part of a nationwide process of intensive reexamination of engineering curricula resulting in more emphasis on why things work rather than on just how it works. The result is a closer approach of pure science and engineering. He concludes that continuous curriculum evaluation has kept City College's courses among the best in the country.

The text of the announcement listing the exact changes is reprinted below.

Ch E 129 (old 3 cr course), Ch E 132 (old 2 cr course), Ch E 134, Ch E 160, Ch E 165, Ch E 176 and

(Continued on Page 2)

Elections Begin Amid Very Strong Personal Feelings

By KEN SANDLER

The largest turnout of voters since the abolishment of in-class voting is expected for the Student Government election which began yesterday. In a race marked by much vehement personal feelings, Bob Rosenberg, Robert Levine, Barry Smith and Howard Simon are vying for the S.G. Presidency.

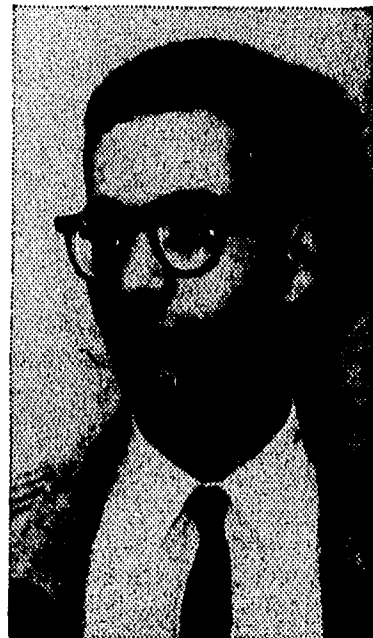
The candidates have for the most part refrained from debating the issues of the campaign and have relied on verbally attacking each other. Despite a prediction by Election Agency chairman Barry Dombier that there would be a small turnout, experienced Student Government veterans told TECH NEWS that there is every indication that the students will turn out in record numbers to cast their ballots this week.

Rumors of secret dealings have been heard and confirmed by several office seekers. In an exclusive TECH NEWS interview, Bob Rosenberg related how Ira Bloom, outgoing S.G. President, tried to hand-pick his successor by organizing a slate which he would support. He said Bloom tried to pressure him into heading that slate.

Ira Bloom at first refused comment on whether Rosenberg's revelation was true but later told us: "Bob is clouding up the issues in the campaign by making personal charges and accusations and by attempting to create a personality issue. He is attempting to cover up the fact that he is unwilling to debate the issues of the campaign."

When Vice-Presidential candidate Danny Katkin learned of Bloom's comment, he said, "It just shows that Ira Bloom is still moral enough to evade rather than to lie."

Howard Simon, also seeking the Presidency, replied to a charge by Bob Levine that Simon was an anti-Tech student by saying, "Mr. Levine is the one who is anti-Tech student because Le-



Ira Bloom, S.G. President

vine doesn't think . . . Tech students can make up their minds (Continued on Page 3)

City PhD's Rank High

A 1959 report revealed that City College ranked second in the nation in the number of its graduates who go on to receive doctorate degrees in the sciences, arts, and humanities — with another massive tuition-free institution, the University of California, ranking first. The total was 2293 doctorates as of 1956. This year a follow-up report by the National Academy of Sciences and the National Research Council indicates that a total of 3183 of the college's alumni earned Ph.D.'s as of 1961, representing a dramatic increase of 890 over a period of only five years. Thus, more than a quarter of all doctorates received by the College's graduates were earned since 1956. Of approximately 175 doctorates granted to alumni each year in the last decade, ten were awarded to women graduates. Other findings: on the average, it takes, roughly, ten and a half years from bachelor's to doctorate degree; based on the years 1941-51, an average of 7 per cent of the graduating classes went on to receive the Ph.D.; most popular field for doctorate study is psychology, with education and chemistry ranking next. New Yorkers remain New Yorkers as demonstrated by the fact that, while virtually every graduate school in the country is represented, the great bulk of alumni received doctorates from Columbia and New York University. Undoubtedly the added expense of out-of-town residence also plays a part.

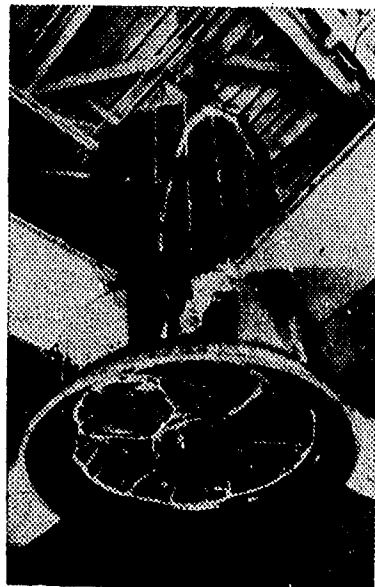
AIAA Plans To Tour Republic Aviation Plant

The College's student branch of the American Institute of Aeronautics and Astronautics will sponsor a field trip to the Republic Aviation Corporation's Paul Moore Research and Development Center at Farmingdale, L.I. during the Christmas vacation. Scheduled for December 23, the trip will feature a tour of the new \$14 million center, including visits to the Fluid Systems, Re-Entry Simulation,

Guidance and Control, Space Environment and Life Sciences, Electronics, Materials Development and Power Conversion laboratories. Tickets, which must be purchased in advance, will be on sale in Room 108 Shepard on Thursday, December 12, from noon to 1:45 p.m. The cost will be 50c for members and \$1.50 for others. (Full details are posted near Room 5 Steinman Hall.)



Space Face is created by the high polish of the steel interior of a new wind tunnel being assembled at the Republic Aviation Corp.



Full-scale mock-up of a proposed advanced orbiting solar observatory which will be seen by AIAA members when they tour the Republic Aviation plant.



TECH NEWS

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Vote, Engineer

Perhaps one of the most unfamiliar of all subjects to the tech student is campus politics. The inner workings and hidden mechanisms of this facet of his life have remained buried beneath a cloak of secrecy. The average tech student is not aware of and usually does not care about, the many decisions, referenda, and policies of his student government. This is not as it should be.

There are many issues at stake in the present election which will probably affect you directly; they will surely affect any organization to which you might belong. You can influence these issues by simply going to a polling booth, flashing your ID card and bursar's receipt and then make a few circles around the names on the election ballot.

To help you in this "task" TECH NEWS has prepared this election issue. Turn to page three and read it through. It will help to acquaint you with the candidates and the issues. You will also find our endorsements for the major SG offices and our opinions on the various referenda. These decisions were reached with the benefit of the student body in mind, and the interests of the tech student in particular.

Read our paper, get to know the issues, make your decision, and VOTE, ENGINEER!

Chem. E.

(Continued from Page 1)

ME 150 will be given for the last time in the Fall 1963 term.

Ch E 129 (new 2 cr course), Sh E 130, Ch E 132 (new 3 cr course), Ch E 141, Ch E 142, Ch E 144, Ch E 145, Ch E 177 and Ch E 178 will be taken beginning with the Spring 1964 term.

Students who have completed Ch E 129 (Old) by February 1, 1964 will not be required to take Ch E 129 (new) or Ch E 130.

Students who have not completed Ch E 129 (old) by February 1, 1964 will be required to take Ch E 129 (new), Ch E 130 and Ch E 132 (new).

Ch E 141 will be substituted directly for Ch E 134.

Ch E 142 will be substituted directly for Ch E 160.

Students who have completed Ch E 160 but not Ch E 165 by February 1, 1964 will be required to take Ch E 144 and Ch E 145.

Students who have completed Ch E 165 by February 1, 1964 will not be required to take Ch E 144 or Ch E 145.

Students who have completed Ch E 176 by February 1, 1964 will not be required to take Ch E 177 or Ch E 178.

Students who have not completed Ch E 176 by February 1, 1964 will be required to take both Ch E 177 and Ch E 178.

Students who have special curriculum problems not covered by the above schedule of substitutions must immediately consult the chemical engineering adviser in the Office of Curricular Guidance, Room 205 Administration Building.

Description of New Courses

Ch E 129. Chemical Engineering Thermodynamics I. Zeroth, first and second laws of thermodynamics; concept of temperature, internal energy, entropy, Thermodynamic identities, equations of state and generalized correlations. Application to physical transformations.

2 class hrs. wk., 2 cr. Prereq.: Chem 122, Ch E 128, Math 92.

Ch E 130. Chemical Engineering Thermodynamics II. Thermodynamics of solutions, partial molar quantities, criteria of equilibrium, Physical equilibrium, empirical vapor-liquid correlations. Chemical equilibrium constants, standard free-energy changes, homogeneous, heterogeneous and simultaneous reactions; adiabatic reaction temperature, perfect crystals and third law.

2 class hrs. wk., 2 cr. Prereq.: Ch E 129.

Ch E 132. Chemical Reaction Kinetics. Reaction kinetics, order of reaction, theory of absolute reaction rates, Reactor design, homogeneous batch, flow, and semi-batch reactors. Catalysis, reactions of heterogeneous systems, heat-and-mass-transfer in packed and fluidized beds. Examples from chemical and petrochemical industries.

3 class hrs. wk., 3 cr. Prereq.: Ch E 130, 142.

Ch E 141. Transport Phenomena I. Introduction to the continuum theories of the transport of momentum, energy, and matter. Equations of continuity, motion and energy for steady and unsteady state processes. Application to

(Continued on Page 7)

Inquiring Technographer

QUESTION: Recently a decision was made to exempt married men from the draft. Has this decision affected you?

WHERE ASKED: Shepard Hall and the Finley Student Center.

MAUREEN KANE, Queens, Lower Freshman majoring in sociology: "Even though I am already married and this is not one of the reasons for my marriage, I do feel that many people would plan to marry at an earlier date in order for the man to avoid the draft. Many girls would not like to be separated from their boy friends for such a long period of time and many boys would just like to avoid the service. Of course, it is not completely fair to the armed forces that these attitudes exist, but nevertheless the number of men being drafted would be greatly reduced."



Maureen Kane



Norma Figueroa

NORMA FIGUEROA, Manhattan, Lower Freshman majoring in psychology: "I will not marry anyone who takes the army as a career. Anyone who marries while her husband is in the army can be sure of getting no attention. Therefore, I think marriage should be a draft exemption."

ALLEN GOLDMAN, Long Island, Lower Senior majoring in mechanical engineering: "I would get married to get married and not get married to avoid the draft. I feel that President Kennedy's exemption of married men is an excellent idea and has long been awaited for by many. There was no reason to draft married men while there were many 1A bachelors available. I feel that very few couples on campus will be getting married just to avoid the draft."



Allen Goldman



Deborah Kosiner

DEBORAH KOSINER, Manhattan, Lower Freshman majoring in political science: "Although this does not relate to me personally, I would say, hypothetically, speaking, the draft would not push me into a marriage unless I had known the boy a long time and felt sure about him. Only in such a case would a hurried marriage be in order. In any other case, marriage is too sacred to be plunged into impetuously."

DO YOU FIT OUR RIGID REQUIREMENTS?

Are you between the ages of 16 to 23 and either male or female? Are you reliable, likeable, malleable, infallible, interminable, abominable, irrevocable, insatiable, unbelievable or just plain "able?" If you fill these requirements then join TECH NEWS, the unsurpass "able" in newspaper writing.

JERILYN YOUNG, Manhattan, Lower Freshman majoring in sociology: "Because of Kennedy's recent decision several of my male friends have decided to get married immediately after graduation. The chances of my marrying my boy friend before I graduate have now greatly increased. It is much easier planning for marriage without having to worry about reserve meetings on weekends and ruined summer vacations because of two week training camps. Life will be much easier now."



Jerilyn Young



Rachel Seidel

RACHEL SEIDEL, Bronx, Lower Freshman majoring in biology: "It has not affected me personally because I have the intention of going to graduate school and I feel that the idea of marriage is too premature at this stage. But, I know of a couple who had not planned on marriage for another year or two until this draft exemption for married men came up. They will now get married in the spring."

CONNIE ATTANASIO, Man-



Connie Attanasio

hattan, Lower Freshman majoring in psychology: "Any man who marries to be eligible for a draft exemption for two years is rushing his whole future. However, this situation does not affect me for I am a confirmed 'bachelorette'."

Lectures

(Continued from Page 1)

Curricula can be made. The Journal of the Society of Engineering Education has done considerable investigation into this matter but has come up with inconsistent answers such that generalizations about the merits of the lecture system could not be made. In their observations, they found instances where students enrolled in lecture sections did better in their work than those enrolled in recitation sections, and an approximately equal number of instances where the opposite was true.

Professor Schmidt also expressed his opinion that while the test sections may prove successful, "the limiting factor will be the availability of large lecture halls." Presently the Steinman lecture hall is being used for double recitation but "it will have to be used more extensively than ever." As for the teacher's reaction to teaching these large lecture sections, Professor Schmidt felt that this would depend on the individual teacher. "Most teachers might feel uncomfortable at first but would adjust to it."

If these varied factors which may someday determine the fate of teaching an expanded student body prove unsuitable and inconsistent with the present scholastic standards of the engineering curricula, then both departments will exercise their option to return to the former method of teaching and look for other solutions to the problem.

Tech News ASCE

Included in this week's Student Chapter meeting of the American Society of Civil Engineers will be the presentation of the Department of Civil Engineering's Rathbun Structures Award. This award, established in memory of J. Charles Rathbun, is awarded to the student who achieves an outstanding scholastic record in the Civil Engineering Department's sequence of structural courses.

This term's recipient of the Rathbun Structures Award is Robert G. Maskiell. Participating in the presentation of the award will be Mrs. Rathbun, Mr. David Ehrenpreis, consulting engineer who instituted the award, and Andrew Adams, last term's recipient.

The ceremony will take place in the Steinman Hall Auditorium (T123A) on Thursday, December 12, 1963 at 12:30 p.m.

IEEE

The IEEE will hold an installation and farewell dinner Thursday evening, December 12. The dinner will be held at the Phi Epsilon Pi house, 200 Convent Ave. Tickets will be sold at tomorrow's meeting or contact the officer. The affair will be a stag and music will be provided. Student cost is \$1.00. IEEE teachers are invited free.

The IEEE wishes to announce that there will be a lecture "Fiber Optics" to be delivered by a representative of the City of New York. This lecture will be to familiarize the student with fundamental concepts and applications. The lecture will be given on Thursday, December 12, at 12:15 p.m., in Harris Auditorium. All students are welcome.

Bronx Community College Holds Open House

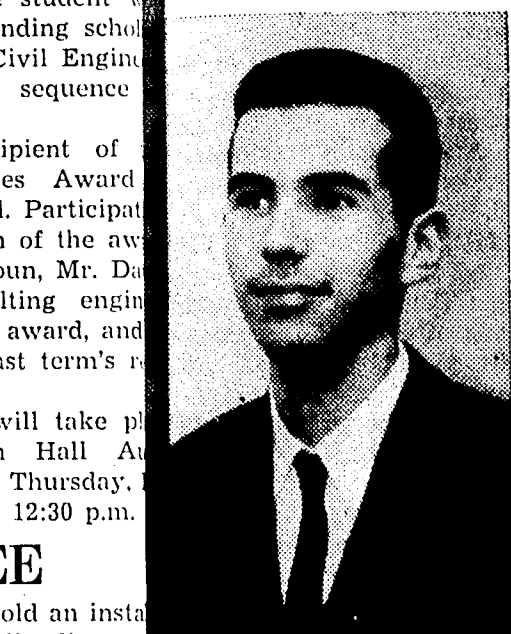
The eleventh annual Science and Engineering Career Conference and Open House sponsored by the Technical Societies Council of New York was held at Bronx Community College, East 184th Street in the Bronx on Saturday, November 16. The Conference was sponsored in cooperation with the Office of the Mayor and the New York State Public and Parochial Schools. The event was presented at three locations simultaneously. Besides the conference at Bronx Community College, two similar programs took place at Queensborough Community College in Queens, and The Cooper Union in downtown Manhattan on the same date.

The program at Bronx Community College began with a convocation in the auditorium for visiting senior high school students and their parents. A group was addressed by Dr. Robert Pastrow, Director of the Institute for Space Studies of the National Aeronautics and Space Administration (NASA). Mr. Fred Septer, president of the Technical Societies Council of New York also spoke at that time. Dr. Morris Meister, President of Bronx Community College, welcomed the visitors to the college.

A second convocation was held at 10:30 a.m. for junior high school students and their parents. Dr. Jastrow also addressed the group. Dr. Abraham Tauber, Dean of Faculty of Bronx Community College, and Professor Marshall Stillerman, Chairman of the Department of Engineering Technologies, at BCC, spoke at the second assembly.

New The Candidates And Their Platforms

week's S...
ng of the A...
Civil Engine...
ntation of...
ivil Engine...
ctures Awa...
lished in...
Charles Rath...
must be done by student gov-



Robert Levine has the longest...
of qualifications of all the...
candidates. He has for four years...
an active part in doing the...
and non-glamorous jobs...
must be done by student gov-

Levine's "services" include the...
ing and distributing of old...
a service which was dis...
continued in 1951. A North Cam...
information office, Levine...
should be opened to answer...
Career Con...
House spons...
Societies Co...
College's organizations.

Election . . .

(Continued from Page 1)

Simon, very caustic when...
at Bronx...
Smith's candidacy as "a...
the audito...
all this was going on, ...
Blume traded insults with...
Bloom. Ira endorsed Alan's...
saying "Larry Steinhauer is...
ntionally qualified. He has...
(NASA). Mr...
a full year on the Fee...
mission while Alan served...
Council one term, two years ago. He...
poked at that...
even attend most of the...
ter, Preside...
ings." Ira concluded, saying...
ity College, ...
Blume is not qualified to...
to the col...
the position of S.G. Treas-
ocation was."

When Alan Blume heard of...
Bloom's comments, he told...
OH NEWS "With utter disre...
Tauber, ...
for the feeling of the people...
Bronx Commu...
helped to get him elected, ...
Professor Ma...
obviously supporting my...
rman of the...
ponent, not because my oppon...
engineering...
is more qualified, but because...
C, spoke at...
opposes my stand against the...
term of office referendum.

Howard Simon

Howard Simon has gained...
much of his popularity from be...
ing a regional leader in the Na...
tional Student Association (NSA).
The youngest regional chairman...
in the NSA's history, Howard...
has been praised as the person...
who instilled new life into the...
New York area NSA. Endorsed...
by current Student Government...
President Ira Bloom as "the most...
qualified candidate," Howard...
pulls no punches. When Bob Le...
vine charged Howard with being...
"anti-Tech student," he replied,
"Levine is a creeping meatball."

Considered to be the student...
farthest to the left of all the...
candidates seeking the SG Presi...
dency, he says that he definitely...
is not a Communist.

COMPETENCY PARTY PLATFORM

The two most important areas...
which demand significant Stu...
dent Government action are (1)...
efforts to keep public higher ed...
ucation in New York City tuition...
free, and (2) the area of student...
participation in the formation of...
academic policy.

This party is united in a desire...
to make any student activity in...
these areas more meaningful. This...
means that we must no longer...
be content with "taking stands"...
on any issue. Rather, we must...
present the maturity and capacity...
to work to obtain our desired...
ends.

If we are really concerned...
about the fight to maintain a Free...
Tuition Policy at the City Uni...
versity, we can no longer be...
content with sporadic student...
protests whenever the State Legis...
lature is in session. Instead, we...
must have an on-going program...
that is coordinated with the...
groups already doing the major...
work in the field — the Alumni...
Association, the City University...
Executive Committee of Student...
Governments, the major political...
parties in the State, and the...
United States National Student...
Association. To this end, our...
program will be one of contin...
ous constructive action, i.e., cam...
pus visits by state legislators, pe...
riodic mailings to state legislators,
letter writing campaigns, and or...
ganization on the district level...
for political action.

Similarly, Student Government...
can no longer afford to overlook...
it's responsibility in the area of...
Academic Policy Formation. It...
must be capable of reacting to...
specific instances such as the...
present "Enrollment Crises"...
meaningfully. Our immediate...
concern must be to represent...
student opinion and present...
construction alternatives to some...
of the proposals being discussed...
— the enlarging of class sizes to...
lecture sections and the staggering...
of elective courses to make room...
for the thousands of students who...
will be applying to the College...
within the next few years. The...
adoption of any plan to accom...
modate these new students will...
completely change the nature of...
the College, and we feel that the...
Student Body through it's Student...
Government should play a signi...
ficant role in the arriving at a...
solution. To this end, the report...
of the "President's Ad-Hoc Advi...
sory Committee" should serve...
as the impetus for a drive to put...
responsible representatives of the...
student body on a number of fac...
ulty and administrative commit...

(Continued on Page 7)

Bob Rosenberg

Bob Rosenberg has been the...
quiet man of Student Govern...
ment. The former SG Vice-Pres-



ident has a long history of serv...
ice to the school but is not con...
sidered one of the group of "stu...
dent government politicians." He...
has never engaged in mudslinging...
and is liked by all who know him.

A ZBT fraternity brother, Bob...
is graduating in June. Quite tall,
Bob towers over most of the...
students here who have to look...
up to him to converse with him. Perhaps...
this is one of the reasons why he...
is well respected by both the...
SG insiders and all others.

NEW PERSPECTIVE SLATE

I. Free Tuition Program
A. We intend to try to break the...
partisan politics surrounding this...
issue. This will be accomplished...
by personal contact with Republi...
can assemblymen and impressing...
them with the fact that this...
should be a bi-partisan political...
question.

B. We intend to work through...
the Alumni Association to have...
publicly known, respected figures...
make public statements on their...
attitudes towards the issue.

C. We intend to send a delega...
tion of Student Leaders to Alb...
any so that they may meet with...
prominent assemblymen from...
both sides of the aisle.

II. A Philosophy of Student...
Government — Programming. It...
is our firm belief that Student...
Government's prime responsibil...
ity is to work with the student...
organizations so as to assure the...
student body of continuous, high...
level programming.

III. The Enrollment Crisis

On the basis of present infor...
mation at our disposal, we have...
grave reservations as to the ad...
visability of admitting such large...
numbers of students to the Col...
lege. In the event that Dr. Gal...
lagher answers the questions...
raised by the Ad Hoc Committee...
of Students, composed of mem...
bers of Student Council, then we...
will:

A. Try to create an identifica...
tion by the new students with...
City College. This is of para...
mount importance and must be...
accomplished by working with...
the student organizations on cam...
pus.

B. Extend Student Govern...
ment's role in a Freshman Iden...
tification program by sponsoring...
a week of pre-registration activi...
ties culminating in a formal con...
vocation ceremony.

C. Prepare, in the months...
ahead, a complete booklet out...

(Continued on Page 7)

Barry Smith

Barry Smith pulled the sur...
prise of the year when he an...
nounced his candidacy just thirty...
minutes before the deadline for...
filing nominating petitions. A...
"dark horse" candidate, Smith has...
not taken an active part in SG...
in several years. Of the four...
candidates, he is the least well...
known.

SMITH'S SLATE

I, Barry Smith, announce my...
candidacy for S.G. President (In...
dependent). Below is a partial list...
of what I hope to achieve.

PRINCIPAL: Recognizing that...
Student Government is not a...
Representative Organization at...
the City College, and not ascrib...
ing to any pseudo philosophy of...
Student Government at City Col...
lege, the function of Student Gov...
ernment necessitates the intro...
duction of a new reason d'être.

The primary function of S.G...
at City College is:

1) To provide the Student Body...
with an atmosphere for discern...
ing and understanding vital is...
sues facing them as students, as...
citizens of the U.S. and inhabi...
tants of one world; to help them...
reach decisions towards specific...
action.

The Executive Leader of Stu...
dent Government must be...
charged with the responsibility...
of formulating and bringing into...
existence this atmosphere at the...
City College.

ACTION: The Executive Lead...
er of S.G. will exercise this lead...
ership by organizing through...
Student Government a Forum or...
Roundtable on the important...
issues facing America and the...
World Today. Student Govern...
ment must provide this institu...
tional framework for a regular...
forum of ideas. Students and...
Faculty will provide the Student...
Body with these discussions of...
crucial topics on a regular basis.
It is sincerely hoped that by this...
action the Students at this insti...
tution will be moved to thought...
and action and not simply to ad...
just to the ideas and expectations...
of others. This is the function of...
a college education, to discover...
yourself and to take an active...
role in the political, social and...
economic issues before the World...
today. This is our world, yours...
and mine. I am committed to my...
time, I ask you to commit your...
selves as the late President Ken...
nedy committed himself.

As the first step toward total...
commitment, I will staunchly...
support the initiation of studies...
for a pilot project to "adopt" the...
country of Venezuela, as UC at...
Berkley has "adopted" Chile. With...
the exception of Chile, Ura...
guay and Costa Rica, the entire...
continent to our South may go in...
the ultimate direction of this...
emerging country. That nation...
needs our assistance if the demo...
cratic forces there are to survive.
Latin America is not South Viet...
nam. It is a continent in ferment...
with 250 million people and it is...
just next door. We must hear the...
knocking.

PRINCIPLE: Tuition at the...
City College.

DECLARATION: I am unalter...
ably opposed to tuition at the City...
University. As President of Stu...
dent Government I will seek to...
bring the full force of the stu...

(Continued on Page 6)

We Air The Mud Of The Election

Charges and innuendos have...
been thrown about like garbage...
in a dump as the S.G. election...
opened yesterday. "He's a liar!"...
"Creeping Meatball!" "His argu...
ments are nebulous and specious."
"Issue evader!" The candidates...
have turned the campaign into a...
mudslinging free-for-all.

Perhaps the most attacked per...
son in the election is Ira Bloom—
who is not even running. Ira has...
allegedly tried to pressure peo...
ple into running together on a slate...
he had constructed. Mr. Bloom...
was not to run on this slate but...
was to endorse and work for it. A...
threat he allegedly used was...
that he would run again unless...
the slate was formed.

First leads on this story were...
provided by Presidential candi...
date Bob Rosenberg in an "off-...
the-record interview" with TECH...
NEWS. Later he agreed to be...
quoted in TECH NEWS. The...
story, as he told it, was that...
Bloom tried to pressure Rosen...
berg to run for president with...
Howard Simon for Veep and...
Larry Steinhaver for treasurer. Rosenberg...
refused to desert his friends...
and refused to run on a Bloom...
dictated slate. Bloom threat...
ened to run for re-election but...
Rosenberg did not yield to...
Bloom's pressure.

When TECH NEWS asked Ira...
Bloom for either a confirmation...
or a denial of this he seemed quite...
surprised at our questions. He...
first refused comment but decid...
ed that he should answer and told...
us, "Bob is clouding up the is...
sues . . . (it is) an attempt to...
cover up the fact that he is un...
willing to debate the issue of the...
campaign."

Howard Simon, when asked if...
the Rosenberg statement was...
true, at first acted as if he could...
not understand what our question...
was. He then asked us what we...
wanted to know. When we repeat...
ed our question he asked if we...
had heard anything about the...
question and finally when we...
pressed him for an end of his...
evasiveness he denied any knowl...
edge of Bloom's alleged attempt...
to build an election ticket. Alan...
Blume, last term's Student Gov...
ernment President, said that if...
Simon denied any knowledge of...
Rosenberg's revelations about the...
back room politics; "Howie Simon...
is a liar."

Blume, who is having his own...
feud with Ira Bloom, had some...
thing to say about Ira's endorse...
ment of Blume's opponent in the...
race for SG Treasurer. "It is my...
belief that the student body will...
see through Mr. Bloom's obvious...
smear," said Alan Blume. Ira had...
said that Blume was not qualifi...
ed to serve as SG Treasurer.

In other developments, after an...
extensive search of the halls and...
offices of the Finley Center, it...
was decided that Barry Smith...
was nowhere to be found. Mr. Smith...
is another presidential aspirant.

— Sandler

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Tech News Endorsements

President

TECH NEWS endorses Bob Rosenberg as the most suitable candidate for Student Government President. This decision was made after careful consideration of the qualifications and merits of all four presidential candidates.

Rosenberg has had considerable experience in SG, and two terms ago, when he was vice president he actually chaired the SG meetings while Alan Blume was ill. He knows, therefore, what SG is and what SG could be. His ideas on what SG could be were quite impressive to us.

According to Rosenberg, SG's primary responsibility is to work directly with student organizations. He plans to set up an Advisory Board to the President. This board will consist of the presidents of IFC, House Plan, and Tech Council and the editors of Tech News, Campus, and Observation Post. This advisory board, we feel, is an excellent way to make SG a truly representative body. The interests and desires of all student organizations will be aired and discussed.

Rosenberg seemed to be concerned with the fact that there is little contact between the south campus person and the techman. His advisory board will provide for an exchange of ideas and the working together of South and North Campus groups.

We feel, therefore, that the "New Perspectives" platform will go a long way towards making SG a representative student government, it will do away with the apathy that now plagues SG; and it will allow student organizations to identify with their student government. A vote for Bob Rosenberg will accomplish all this.

In our estimation, Bob Levine is another candidate whose ideas might be good for SG. In particular, his suggestion to reorganize the SAB to make it more a representative body seems to parallel Rosenberg's organization-oriented platform. Levine has had a tremendous amount of SG experience and probably knows what he is talking about. He would attempt to do away with the present "bureaucratic student government and

take steps to make it more cooperative and representative.

Some of Levine's proposed "expanded campus facilities" would be appreciated, particularly the distributing of old final examinations, and the reactivating of the North Campus mimeograph facilities. Levine is a member of the Student-Faculty Cafeteria Committee. In this capacity he has made a thorough study of cafeteria problems and has some fine proposals to alleviate them.

It seems that Levine has some fine things to offer The College, but there are some who often question what he says. He doesn't make sense sometimes, and seems to be telling the listener just what he wants to hear. Levine does not always hold to his convictions, and the feeling was that he might not hold to them now.

Barry Smith is a very intelligent young man. He has been active in SG long enough to realize that it is not a representative body, and that apathy has for long been its undoing. So, Barry Smith wants to accept this fact and convert SG into a forum for the discussion of world problems which face the college student. He wants to help the narrow minded student adjust to today's economic and social problems.

It is wonderful that Smith realizes what is wrong with SG, but we doubt very much if his proposal is worth anything. An SG president who knows what is wrong should take steps to correct that wrong; he should not substitute for Student Government something which, in effect, will abolish its real purpose.

Howard Simon has a fine anti-tuition platform. But so do all of the other candidates. Howard Simon feels that the student should have a say in curriculum planning. We wonder if there are any undergraduate students in this school who are qualified to do this. Ask any senior engineering student what he knows about industry. He will probably answer, "Nothing." There are very few faculty members who are qualified to determine academic policy; there are probably no students who are.

It is clear that Bob Rosenberg is the most suitable candidate for SG president. He can institute a series of programs which will be beneficial to the student body of City College and which can get SG started on the road to becoming a truly representative student government.

Vice President

The Student Government vice president must be equipped to deal with any and all problems which may face the president. Even while the president maintains leadership, the vice president must be able to assist him fully, with complete knowledge of all affairs. Danny Katkin is such a man. He is eminently suited for the office by nature of both his experience and ability.

Katkin served as Student Government treasurer and this plus his terms on council and fee commission make his views on policy, and particularly financial matters, quite sophisticated.

Katkin hopes that in addition to serving as a liaison between Student Council and the various committees and organizations of Student Council and the various committees and organizations of Student Government, he can work closely with the president and aid him in formulating policy.

The tech school, too, will do better with Katkin who has a competent grasp of the needs and problems of the engineers and architects.

In contrast Gerard Pesis has in essence snubbed the tech students by failing to appear for an interview with TECH NEWS, the spokesman for the engineering and architectural students. Pesis is by no means the equal of his opponent, and his candidacy must be disregarded in favor of Katkin.

Secretary

John Zippert has a clear picture of what must be done by the Student Government secretary. He has studied every aspect of the office, from the proper distribution of Student Government's Constitution to the secretary's role as an executive and formulator of policy, and knows how to do both jobs well.

Zippert has some excellent ideas concerning an anti-tuition campaign, and stresses positive concentration with the municipal colleges combining to exert powerful political influence.

Zippert has shown by past performance that he can handle any job presented to him.

Running opposed to Zippert is Stan Shapiro who has made a mediocre showing during his three terms on Student Council. At best, he is barely competent, not at all outstanding, and does not deserve the secretary's position in light of Zippert's ability.

SG Treasurer

Of the two candidates running for Student Government Treasurer, one has already reached the top of the political ladder at City College and the other, Larry Steinhauer, may be trying to get there. Both Alan Blume, a past Student Government President,

and Larry Steinhauer are familiar with the problems facing the S.G. Treasurer. But we believe only Larry Steinhauer will be able to cope with the problems.

The actions of S.G. Treasurer directly affect every organization on campus. Allocating \$30,000 in student funds requires insight into and understanding of the students' organizations desires and actual needs. It also requires a bit of self discipline but not stinginess.

Larry Steinhauer has served two fairly productive terms on the Fee Commission and one term on Student Council. He is introspective, but sensitive to the demands of both North and South Campus organizations. In fact, he believes that Tech Clubs should ask for larger allocations of funds in the future. Though he believes that Student Government should concern itself primarily with on-campus activities, there is and should be, he says, room for S.G.

action on vital off campus happenings.

Alan Blume, on the other hand, has an impressive list of qualifications including one term as S.G. President, but this does not necessarily qualify him for a term as S.G. Treasurer. His one term as President was unproductive, and his term on the Fee Commission was uneventful.

Again Tech News urges the election of Larry Steinhauer to S.G. Treasurer.

Remember Tech Votes Count!

S. G. Referenda

SG REORGANIZATION

People have been trying to cure the ills of Student Government by reorganization for as far back as we can remember. The last major change effected was formation of the SAB.

The reorganization plan consists of three constitutional amendments. The first would change the president's term of office from one term to one year. The second amendment would provide for the election of three vice presidents to be members of the executive committee and in charge of specific programs. At present, three executive vice presidents are chosen from Student Council and are supposed to be in charge of an area of activity. These assignments are not definite, and frequently nothing is done. The new plan gives definite responsibilities to people who would have to run for office on the basis of a proposed program. The third amendment replaces three of six freshman representatives. There are few new freshmen in the spring term, and the three other seats could be better filled by upper termers. Vote yes on these amendments; they will improve the efficiency and services of Student Government.

The most controversial amendment is the change in the executive's term of office to one year. We believe that such a change will not improve Student Government. Executive offices are admittedly difficult and time consuming. Most students who hold SG office take reduced programs. It is difficult to imagine competition

for a job which will require a full year of rough service. Academic reasons are most often the cause of a Student Council resignation or a person not willing to run for major SG office. It is not reasonable to expect a good student who cares about his studies to take a year off or else let his schoolwork go. An equally bad possibility is that someone may get elected and then find that he must neglect his elected office in favor of grades. We feel that if Student Government is to keep high performance presidents, their term should be limited to one semester. After a term of experience, reelection should be easy. No one has run for reelection for SG president for at least several years. Vote no on this amendment.

STUDENT ACTIVITIES BOARD

There are three referenda on the SAB. One calls for abolition, one for status quo, and one for an open hearing and special report. We feel that the SAB has had its chance and been shown to be an unwanted body by lack of participation and interest. Its basic flaw is that it binds clubs into a federation system that they have no desire to belong to. Many clubs must send representatives to federation meetings and can't find anyone willing to go. From this unwilling body, another person is selected to serve on a council (the SAB). The federal government in itself has more direct democracy than people to clubs to federations, to a council. The result has been that the SAB has functioned poorly despite an apparently good structure. The time has

come to realize that the SAB should be abolished and replaced with a less forced system. The executive functions of SAB can be performed by SG commissions as in the past. Those organizations which desire to form federations to discuss and plan common interests, do so anyway. HPA, IFC, and Tech Council are good examples. Vote to abolish SAB. Not all experiments are successful.

BASKETBALL

Astain on this referendum. It should not have been placed on the ballot. It requests President Gallagher to take proper steps to put the College back into competition with the top basketball teams in the country. The president is not mandated by a student referendum, and the basketball team's activities are now limited by BHE rules anyway.

HONORS AND AWARDS

Based upon recommendations of the SG Honors and Awards Commission, Student Council each term gives out several leadership awards and a maximum of twenty outstanding service awards to students on a college-wide basis. The commission is also sometimes consulted on Who's Who and other awards. It is fitting and proper for students to recognize other students for outstanding extracurricular achievement on a school-wide basis, and Student Council is the logical body to confer the awards. Vote to keep the awards commission.

Candidate Qualifications

Student Government President

BOB LEVINE

Student Government: SG Outstanding Service Award; Student Council Representative (Class of '65) 3 terms; Associate Vice-President; Chairman, Federation of Clubs; Director, SG Public Opinion Research Bureau; Member, Student-Faculty Committee; Chairman, Federation of Social and Social Action Clubs; Member: SG Fee Commission; Member, Executive Committee; Member, Student-Faculty Cafeteria Committee; Member, SC Internal Affairs Committee; Member, SC Academic Affairs Committee; Member, SC Publicity Regulation Agency; Chairman, SC Publicity Agency; Chairman, SG Graduate Scholarship Fund Committee; Member, SG Community Service Agency; Delegate, Organizational Sessions of (MIAC) New York Metropolitan Inter-Collegiate Activities Council; Delegate, Barnard Religious Civil Rights Action Conference; Delegate-Observer, 1st Regional Meeting of Evening Session National Association (ESPA); Member, Class of 1964; Acting Delegate, Student Activities Board; Boatride Committee; National Night Program Coordinating Committee.

Phi Omega (National Fraternity); Secretary, 2nd Year; Historian; Student Director; Committee; UMOS Fund Committee; Membership Committee; Member, Planning Board; Member, Teachers' List Committee; Federation Delegate; Parity Day Committee.

Democratic Student Union; Student 2 terms; Executive Director 3 terms; Editor "The Sentinel" Chairman, CCNY delegate to Collegiate Council for the United Nations' Leadership Institute on African Studies Program (Nov. 15-17, '63); Delegate, United States Youth Council's National Youth Conference on Human Rights (Dec. 6-8, '63).

Road Club: Vice-President; Secretary; Treasurer 3 terms; Director; Editor, "Modern Reporter;" Director, Travel Information Service; Social Chairman, House Plan: LaGuardia '64; Young Democrats. WBAI-FM.

ROBERT ROSENBERG

Vice-President of Student Government; Chancellor of Lock and Key Society; Treasurer of the Council are government and Law Society; Assistant to the President of Student Government; Student-Faculty Discipline Committee; Member of the Finley Board of Advisors; Student Council Representative, Class of '65; Member of the School Affairs Committee of Student Council; Upper Class Advisor; Member of Publicity Agency; Class of '64.

HOWARD SIMON

Student Council Representative, Class of '65 3 terms; Internal Affairs Committee of Student Council 3 terms; Member of the Student Government Fee Commission 3 terms; Member of President's Ad Hoc Committee on the Enrollment Crisis; Varsity Debater; Debater; Member of the Public Affairs Committee of Student Council; Member of the Publicity Regulations Agency 2 terms; Chairman of the membership committee of Student Council 1 term; Member of the Student-Faculty Cafeteria Committee 1 term; Upper Class Advisor 1 term; Co-Chairman of the Public Affairs Forum 2 terms; Co-Chairman of the Student Government Committee on Faculty Advisors 2 terms; Participant in the House Plan Leadership Training Program.

Member of the Publicity Regulations Agency 2 terms; Chairman of the membership committee of Student Council 1 term; Member of the membership committee of Student Council; Member of the Publicity Regulations Agency 2 terms; Chairman of the membership committee of Student Council 1 term; Member of the Student-Faculty Cafeteria Committee 1 term; Upper Class Advisor 1 term; Co-Chairman of the Public Affairs Forum 2 terms; Co-Chairman of the Student Government Committee on Faculty Advisors 2 terms; Participant in the House Plan Leadership Training Program.

BARRY SMITH

Two terms on Student Council; Chairman of Membership Committee City College Young Democratic Club Fall '62, Young Democratic Club of City College (3 terms), Contact of House Plan Association Business and Advertising Editor 3 terms, Contact staff Reporter 3 terms, House Plan Association member, Committee for Student Government School Affairs member, Student Committee for Saving Hamilton Grange original member, Novice Debating Team of City College, House Plan Leadership Training Program, Beaver Broadcasting Club Announcer and Engineer, Society for Criticism and Discussion Member 2 terms, Hillel member 2 terms.

SG Vice-Pres.

DANIEL KATKIN

Treasurer of Student Government 1 term; Executive Vice-President of Student Government 1 term; Member of Student Council 2 terms; Member of the Student Government Fee Commission 3 terms; Member of President's Ad Hoc Committee of Students on the enrollment crisis; Varsity Debater; Novice Debater; Member of the Internal Affairs Committee of Student Council; Member of the Publicity Regulations Agency 2 terms; Chairman of the membership committee of Student Council 2 terms; Member of the Student-Faculty Cafeteria Committee 1 term; Upper Class Advisor 1 term; Co-Chairman of the Public Affairs Forum 2 terms; Co-Chairman of the Student Government Committee on Faculty Advisors 2 terms; Member of the Young Democrats 2 terms; Participant in the House Plan Leadership Training Program.

GIRARD PESSIS

Vice-President, Student Government 1 term; Member, Student Council 3 terms; Coordinator, Anti-Tuition Campaign; Member, CUNY Exec. Board; Member, CUNY sub-committee on Anti-Tuition; Member, Academic Affairs Committee; Member, Internal Affairs Committee; Member, President's Ad Hoc Committee on the Enrollment Crisis; Captain, Swimming Team; Member, Alpha Epsilon Pi Fraternity.

SG Treasurer

ALAN STEPHEN BLUME

Student Government President, Spring, 1963; Student Government Fee Commission; Student Government Oscar Buckvar Award for outstanding contribution to Student Government; Student Government Outstanding Leadership Award; Student Government Outstanding Service

Award; member: Lock and Key Honorary Leadership Society; Chairman: Student Government Executive Committee; Executive Committee, Finley Center Board of Advisors, Spring 1963; Student Faculty Committee on the College of Liberal Arts and Science for one year; Student Council Representative from the class of 1964 4 terms; Chairman: SG Honors and Awards Commission; Chairman: Student Government Anti-Tuition Drive, Spring 1963; Delegate: City University Council of Student Body Presidents; Chairman: SG Internal Affairs Committee; Chairman: SG School Affairs Committee; Member SG Academic Affairs Committee; member: SG Boatride Committee, Spring 1961; Advisor: Student Government Public Opinion Research Bureau; Chairman; SG Discount Agency; Co-founder and President, 4 terms, of the Independent Reform Party; Independent Reform Party delegate to Political Action Federation of the Student Activities Board; Student member: Who's Who in American Colleges and Universities Committee; House Plan Association Leadership Training Weekends (3 times); member: House Plan Association; President of Grau '64; Social Director Grau '64; Publicity Chairman of Grau '64; House Plan Elections Agency, Fall 1961; Upper Class Advisor to the Class of 1967; member: City College Young Democrats; member: Government and Law Society; Bowling, Softball, and Football Intramurals; CCNY Freshman Baseball Team.

LARRY STEINHAEUER

Student Government: Student Council 1 term; SAB Representative 1 term, Chairman: School Affairs Committee 1 term; Vice-Chairman: Honor and Awards Dinner, Member: President's Ad Hoc Committee on the Enrollment Crisis; Chairman: First SAB Committee to Evaluate the SAB; Fee Commission 2 terms; Debate Society: President 1 term; Vice-President 1 term, Treasurer 1 term, Manager 1 term; Chairman: Tournament Committee; Debate Team: Varsity Team 4 terms, Novice Team 2 terms; Omicron Delta Epsilon (Economics Honor Society): Vice President 2 terms, Secretary 1 term; Lock and Key member.

SG Secretary

STANLEY SHAPIRO

Chairman of Internal Affairs Committee of SG 1 term; member of Student Council 3 terms; member of Internal Affairs Committee 1 term; member of Civil Liberties Committee 1 term; member of Membership Committee 1 term; member of Alpha Mu Phi 3 terms; delegate to Interfraternity Council 1 term; alternate delegate to IFC 1 term; Vice President of Independent Reform Party 1 term; Executive Vice-President of IRP; Vice-President of AMO 1 term; member of staff of SG newspaper Spotlight 1 term; Co-Chairman of SG Public Affairs Committee 1 term; member of City College Young Democrats 1 term.

JOHN ZIPPERT

Member Student Council 2 terms; Chairman Civil Liberties Committee of Student Council; Captain of the Debating Team; National Student Association Coordinator; Presidents' Ad Hoc Committee on the Enrollment Crisis; Delegate to the 16th National Student Congress in

Bloomington, Indiana, August 1963; Secretary of the Debating Society; Special Committee to Advise the Dean of Students on the Student Personnel Folders; Student-Faculty Committee on the College of Liberal Arts and Sciences; School Affairs Committee.

Council '64

MYRON BASSMAN

President of Hillel 1 term; Vice-President of Hillel 2 terms; Treasurer of Hillel 2 terms; Corr. Sec. of Hillel 1 term; Founder of Friends of Synanon 1 term; Associate Member of CORE 1 term; Associate Member of Phi-Chi 1 term; Member of Lock and Key 2 terms; Co-Chairman of All College Career Conference 1 term of Hillel and SG; Bus. Leader of Anti-tuition trip to Albany, N.Y., SG.

ERIC EISENBERG

Organizer of Oct. 1961 SG forum against the Speaker Ban; Co-organizer of Ad Hoc Committee to ban the Speaker Ban; Representative from Political and Social Action Federation to SAB in Spring 1963; CCNY delegate to 26th NSA Congress, Summer 1963; Organized two buses for SG anti-tuition trip to Albany last Spring; One of the initiators of current campaign to revise policy on student files and to end FBI harassment of students; Co-initiator of Student Ad Hoc Committee against the McCarren Act.

MICHAEL GROSS

Vice-President, Recording Secretary, House Manager of Phi Epsilon Pi Fraternity; Sub-chairman of the Special Affairs Committee of IFC which was responsible for Greek Festival and Saturnalia Dinner and Dance; Corresponding Committee in Caduceus Society; Government and Law Society member; Upper class advisor, responsible for teaching Freshmen Orientation during the Fall '63 term.

DOUGLAS MEYER

Vice-Chancellor of Tau Epsilon Phi Fraternity; Secretary, Govt. and Law Society; Upper Class Advisor; Fall '61, Spring '62; Varsity Lacrosse Team; Fall '60, Spring '61; Freshman Lacrosse Team; Fall '60, Spring '61; Freshman Track and Field; Co-Chairman IFC Athletic Committee; Sports Staff, Microcosm.

RONALD GOLDBERG

No qualifications submitted.

TERRY VANN

No qualifications submitted.

Council '65

STEPHEN MARCUS

Elected twice to the Student Council by the Class of '65; Chairman of the Civil Liberties Committee of the Student Council 1 term; Staff member of the Student Government newsletter, "Spotlight;" Secretarial Committee, the Government and Law Society; Staff member of the weekly "Hearing;" Chairman of Publicity, the Independent Reform Party; Chairman of Petition, the Student Committee for the Hamilton Grange, (now dissolved); Member, Class of '65 Council 3 terms; Membership in: Debating Society, Ad Hoc Committee for a Free Student Press, Society of Religious Liberals, House Plan Association, Dean '65.

STANLEY LOWENTHAL

Student Council Rep. Class of '65 2 terms; Class Council Rep. Class of '65 3 terms; Member: In-

ternal Affairs Committee; Chairman; Membership Committee; Chairman: Class of '65 Publicity Committee; Public Information and Research Bureau; Member Independent Reform Party; Representative to Political and Social Action Federation; Bus Leader, Albany Anti-Tuition trip.

JAY FORTGANG

Member and Secretary of the Independent Reform Party; Freshman Secretary of the Class of '65; Member Grau '64 House Plan; Member Grau Projects Committee; Brother of Alpha Mu Sigma Fraternity and member of AMS Executive Committee for 2 terms; Acting Vice-President of Alpha Mu Sigma Chancery.

FRED NEWDOM

Chairman, Federation of Political and Social Action Groups; Member, CORE; Federation delegate, CORE; President, Students for Civil Liberties; Alternate delegate to SAB; Executive Board, Athletic Association.

JIMMY BALTAXE

Treasurer of the Student Activities Board 1 term (Present); Delegate to the Student Activities Board 2 terms; Acting Chairman of the Publicity Regulations Agency 1 term; Assistant Chairman of the Publicity Regulations Agency 2 terms; Member of the Publicity Regulations Agency 4 terms (Present); Secretary of Beta Sigma Rho Fraternity 2 terms; Member of Young Democrats 5 terms (Present); Member of the Friends of Upper Volta 1 term (Present); Member of the Public Opinion Research Bureau 2 terms (Present); Freshman Orientation Program "Advisor" 1 term (Present); Photo Editor of the Observation Post 2 terms (Present); Participant in the House Plan Leadership Training Weekend; Member of the official delegation at the Anti-Tuition Trip to Albany; Delegate from the Science Federation to "Survey" 2 terms; Member of the Student Government Fee Commission 1 term (Present); Photo Editor of Greek Letter 2 terms (Present); Delegate of Beta Sigma Rho to the Interfraternity Council 1 term (Present).

JAY BECKER

Dean's List; Student Council Representative Class of '65 (this term); Member Academic Affairs Committee; Chairman, Committee to Study the Role of Engineers in Society; Vice-President, Junior Class (present term); President and Founder, City College Communication Club; Alpha Phi Omega, National Service Fraternity; Treasure, Chairman of Teacher's List Committee, Social Committee (this term) Social Chairman, House Chairman (last term); Neophyte in Sigma Alpha; President, Cooperative Activities Committee; Member, Friends of Upper Volta; Member, Debating Society, Novice Debating Team; Participant, House Plan Leadership Training Weekend; Member Mercury.

JOEL COOPER

Secretary of Student Government; Student Council Representative, Class of '65; Member of Student Government Executive Committee; Novice and Varsity Debating Teams 3 terms; Secretary to the Debating Society; Member of SG Fee Commission 3 terms; Co-Chairman of SG Public Affairs Forum; Member of Student Government Publicity Regulations Agency; Chairman of the Ad Hoc Committee of Students to

(Continued on Page 6)

Qualifications

(Continued from Page 5)

Defeat the SG Reorganization Referenda; Member of the President's Ad Hoc Committee of Students on the Enrollment Crisis.

GEORGE SPIRA

Member of the Alpha Mu Phi Fraternity 1 term; alternate delegate to the Inter Fraternity Athletic Comm. 1 term; member of the Inter-Fraternity Council Athletic Comm. 2 terms.

BRUCE GREIGER

No qualifications submitted.

ERICH SHTOB

No qualifications submitted.

Council '66

GEORGE BESCULIDES

Head of KPT Fraternity, social committee; Head of KPT Fraternity, house committee; Alternate IFC representative for KPT. When I was in House Plan I was the social chairman for my house and I was also elected as the House Plan Council representative from my house.

JOEL GLASSMAN

President, Class of '66; Student Government Fee Commission; Facilities Agency Chairman; NSA Committee; Associate member School Affairs Committee; Treasurer Debating Society; Member, Novice and Varsity Debate Team.

PAUL HIRSCH

Student Council, 1 term; member, Civil Liberties Committee 1 term; member, NSA Committee 1 year; Bus Leader, anti-tuition trip to Albany; Delegate, NSA Conference on Civil Rights, Met Region; Varsity, Debating Society; House Plan "Leadership Training" 2 terms; SG Public Opinion Research Bureau; Associate member, President's ad hoc Committee on Enrollment; Publicity Regulations Comm.; Participant, J.O.I.N.

MICHAEL Y. TICKTIN

SG Executive Vice-President; Member Student Council (one year); Member Academic Affairs Committee 1 term; Upper Class Advisor Freshman Orientation Program; Participant Social Research Laboratory Project on Student Government at City College; Second Alternate Delegate to the Executive Committee of the Student Governments of the City University of New York (CCNY Exec.); Acting Secretary of CUNY Exec.; Member President's Ad-Hoc Advisory Committee of Students On the Enrollment Crisis; Delegate to National Student Association Metropolitan New York Regional Conference on Civil Rights in the North, November 1963; JOIN.

BOB VOIGT

House Plan Association: Chairman Christmas Party Publicity Committee; Freshman Advisor; President and Vice-President of Jaffe '66; Council Representative 3 terms; Major Affairs Committee 2 terms; Social Functions Committee; Leadership Training Weekend 2 terms; Recreation Seminars (Program Committee).

JOEL GLASSMAN

No qualifications submitted.

WILLIAM KIRSCHLER

No qualifications submitted.

MARK LANDIS

No qualifications submitted.

MICHAEL TIKTIN

No qualifications submitted.

CHARLES MILLER

No qualifications submitted.

Council '67

NIKKI LANDSMAN

Member, Student Government Publicity Agency and SG Social Functions Agency; Associate Member, Student Council School Affairs Committee.

NANCY ROTHMAN

Secretary of the Bridge Club; Member of House Plan Association; Member of the Wittes Dynasty; Member of Sis Wittes '67.

EILEEN STEINBERG

HPA member, Sis Wittes '67; Social Functions Committee, HPA; Student Government Publicity Regulations.

ZELDA STEINBERG

Member of Publicity Regulations Agency; member of Student Government Honors and Awards Dinner Committee; Novice Debating Team.

JERRY OSTNOFF

No qualifications submitted.

CARY KRAMHOLTZ

No qualifications submitted.

RICHARD KIRSH

No qualifications submitted.

ROSA MANDELKERN

No qualifications submitted.

JAY DANKBERG

No qualifications submitted.

GREGOR OWEN

No qualifications submitted.

ROBERT LEADER

No qualifications submitted.

LAURA SCHECHTER

No qualifications submitted.

LYNDA LUBAR

No qualifications submitted.

STANLEY VARON

No qualifications submitted.

No Frauds In This Election

Election frauds have long been the worry of candidates, voters and the Election Agency. Although the Agency officially denies that there has ever been election vote irregularities, responsible officials have long admitted off the record that there is widespread cheating and conniving. Last year and again this year the Election Agency told TECH NEWS officially that there was and is no cheating although they revealed that one of the most fool-proof ways to vote more than once is to simply borrow a friend's Bursars receipt card, fill your own name in and vote. This term, as a precautionary measure, all students will be required to write their IBM number on their ballots. At the close of the election, Agency chairman Barry Dombor will check the numbers to make sure that no one has voted twice.

PROMISE THEM ANYTHING...

I recognize that all organized groups, fraternities, sororities, House Plans, newspapers, etc., will endorse certain individuals. Supposedly, these endorsements bind their membership to vote in a specific manner — Beginning this Tuesday in the school-wide election. Nevertheless, when YOU take your opportunity to vote, YOU must be responsible to yourself, above ANY group. I tell you never to prostitute this most important principle of human dignity and freedom. Do not vote for your Brothers, Sisters, or Houses, but for YOURSELF.

BARRY S. SMITH.

Candidate for Individual Commitment

Smith

(Continued from Page 3)

dents, alumni, faculty and parents of incoming students to bear on the State Legislature to prevent imposition of tuition at the City University.

ACTION: The Executive Leader and the Student Body are presented with the opportunity to achieve this declaration. Recalling the unsuccessful rally in Albany I believe the answer to the Tuition challenge requires:

EFFECTIVE ACTION: To be achieved by interested students of this university, interested in keeping this institution FREE, and parents of incoming student from High Schools and the Alumni of City College forming an effective PRESSURE GROUP on the Legislature in Albany.

METHOD: To be arrived at with the aid of the faculties of the University (particularly the Government Departments). The Opportunity presents problems but the problems present us with the opportunity. Only in this way can free tuition be achieved again as a Mandate.

Once this method has been formulated, coordination among all the University schools will be required — Executive Leadership is required.

ENROLLMENT CRISIS: I express my fullest confidence and trust in President Gallagher's final decision in this urgent matter. The President of this institution certainly can be said to have its best interests at heart. He has at hand the complete scope of the problem in question. Let us not be so naive and self-glorified to believe we are better equipped to decide otherwise.

LIBRARY: I will continue to press for the extension of library hours and speak personally with the Chief Librarian on issues effecting the greatest possible use of our Library.

Example: Executive leadership will be exerted to work with the Library for an extension of Hours on Holidays and Sundays and an increase in the number of texts for required readings.

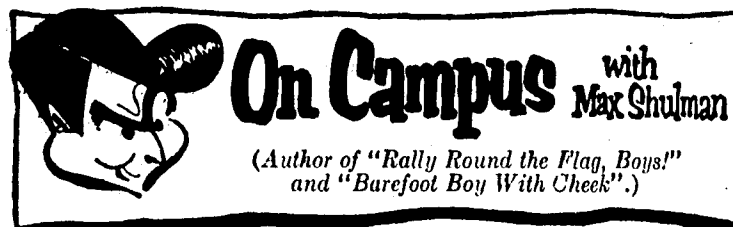
NSA: If elected I will make sure that my voice, representing the interested students of the second largest body of university students will be heard in the "Counsels of NSA. By this I mean the formulation and introduction of my own ideas before NSA and not sitting idly by and active upon the original endeavors of others.

Fellow Individuals: The only limitation to our realization of tomorrow's world, the world we want will be our doubts of today and the lack of courage to act on our principles. If we are not to stare blankly when our children as us (as we ask our parents) "What kind of a mess am I inheriting?" the present generation

must commit itself to think and to act in the democratic spirit. There are problems to be faced. These problems present us with the opportunity to meet these problems positively in a forum of ideas and not simply to adjust to the ideas and expectations of others. Man has no hope if he does not keep trying to correct what he feels to be wrong. Commit yourselves to this conviction and join me as your President in this important challenge.

Hillel

Hillel will present Moshe Sharett, former prime minister of Israel, to speak on "Israel and the Challenge to the University Student." The program will be held today in Aron auditorium at 5:15, and a reception in Buttenweiser lounge will follow.



DECK THE HALLS

The time has come to think of Christmas shopping, for the Yuletide will be upon us quicker than you can say Jack Robinson. (Have you ever wondered, incidentally, about the origin of this interesting phrase "Quicker than you can say Jack Robinson"? Well sir, the original saying was French—"Plus vite que de dire Jacques Robespierre." Jack Robinson is, as everyone knows, an Anglicization of Jacques Robespierre who was, as everyone knows, the famous figure from the French Revolution who, as everyone knows, got murdered in his bath by Danton, Murat, Caligula, and Al Capone.

(The reason people started saying "Quicker than you can say Jacques Robespierre"—or Jack Robinson, as he is called in English-speaking countries like England, the U.S., and Cleveland—is quite an interesting little story. It seems that Robespierre's wife, Georges Sand, got word of the plot to murder her husband in his bath. All she had to do to save his life was call his name and warn him. But, alas, quicker than she could say Jacques Robespierre, she received a telegram from her old friend Frederic Chopin who was down in Majorca setting lyrics



to his immortal "Warsaw Concerto." Chopin said he needed Georges Sand's help desperately because he could not find a rhyme for "Warsaw." Naturally, Georges could not refuse such an urgent request.

(Well sir, off to Majorca went Georges, but before she left, she told her little daughter Walter that some bad men were coming to murder Daddy in his bath. She instructed Walter to shout Robespierre's name the moment the bad men arrived. But Walter, alas, had been sea-bathing that morning on the Riviera, and she had come home with a big bag of salt water taffy, and when the bad men arrived to murder Robespierre, Walter, alas, was chewing a wad of taffy and could not get her mouth unstuck in time to shout a warning. Robespierre, alas, was murdered quicker than you could say Jacques Robespierre—or Jack Robinson, as he is called in English-speaking countries.

(There is, I am pleased to report, one small note of cheer in this grisly tale. When Georges Sand got to Majorca, she did succeed in helping Chopin find a rhyme for "Warsaw" as everyone knows who has heard those haunting lyrics:

*In the fair town of Warsaw,
Which Napoleon's horse saw,
Singing cockles and mussels, alive alive o!*

But I digress.

We were speaking of Christmas gifts. What we all try to find at Christmas is, of course, unusual and distinctive gifts for our friends. May I suggest then a carton of Marlboro Cigarettes?

What? You are astonished? You had not thought of Marlboros as unusual? You had regarded them as familiar, reliable smokes whose excellence varied not one jot nor tittle from year to year?

True. All true. But all the same, Marlboros are unusual because every time you try one, it's like the first time. The flavor never palls, the filter never gets hackneyed, the soft pack is ever a new delight, and so is the Flip Top box. Each Marlboro is a fresh and pristine pleasure, and if you want all your friends to clap their hands and cry, "Yes, Virginia, there is a Santa Claus!" you will see that their stockings are filled with Marlboros on Christmas morn.

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The holiday season or any other season is the season to be jolly—if Marlboro is your brand. You'll find Marlboros wherever cigarettes are sold in all fifty states of the Union. You get a lot to like in Marlboro Country.

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with Max Shulman

(ag, Boys!"
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(Continued from Page 3)

It is our ultimate aim to
the kind of atmosphere in
it is possible to have joint
ty student administrative
nities discussing and decid-
upon questions of curricular,
ards, the affect of the grad-
program upon the under-
ate program, et. al. It is
this type of joint committee
can affect change through
ensus.

ese challenges to act mean-
lly in these two areas elicit
one response. Our Student
rnnment must become pro-
oriented. It must cease to be
-oriented and election con-
s. For these reasons we
gly urge you to approve ref-
a 1, 2 and 3. These changes
e structure of Student Gov-
ent will provide for three

Presidents elected by the
ent body and charged with
fic programming responsibil-
in his area — Campus, Com-
ty or Educational Affairs.
Executive Committee as well
he rest of the Student Gov-
ent will then be elected in
for a full year. Only with
year term of office will the
s be provided with the neces-
continuity and time to carry
their programs. It is the pre-
paration with Student Govern-

Elections that inhibits the
ation of any on-going pros-
s. The three Commissions
ampus, Community and Edu-
nal Affairs) are then neces-
if Student Government is to

hem. E

(Continued from Page 2)

dynamics.
class hrs. wk., 3 cr. Prereq.:
128.

E 142. Transport Phenomena
pplication of the equations of
ge to heat and mass trans-
Numerical, graphical and
og methods in the anlysis of
conduction. Diffusion in bin-
and multicomponent mix-
s. Heat and mass transfer in
nar and turbulent flow.
ant heat transfer. Interphase
fer.

class hrs. wk., 3 cr. Prereq.:
141.

E 144. Unit Operations I.
ciples of single stage and
istage contacting equipment.
e equilibrium and phase dia-
ns. Analytical and graphical
ions to steady and unsteady
problems applied to liquid-
d extraction, distillation, gas
rption, stripping and other
ed operations.

class hrs. wk., 2 cr. Prereq.:
128.

E 145. Unit Operations II.
y through pipes, packer and
ized beds and filtration
pment. Design of continuous
acting equipment for heat
mass transfer; heat exchang-
packed towers. Application to
rption, dehumidification, and
r cooling design problems.

clas hrs. wk., 2 cr. Prereq.:
141, 144. Prereq. or coreq.:
142.

E 177. Measurement and
rol of Process Variables. Dy-
ic characteristics of process
ems. Theory of closed loop
matic control.

class hrs. wk., 2 cr. rPereq.:
n 121, Math 92, Ch E 141.

E 17. Process Control Lab-
ory. Calibration and response
measuring eiements. Measure-
t of process characteristics.
periments in the application of
rollers to some simple pro-
systems.

lab. hrs. wk., 1 cr. Prereq.:
E 177. Lab. Fee \$7.00.

limit itself to meaningful activity.
A year term of office is then
necessary if we are to permit
Student Government the time
and continuity needed to carry
out the programs.

In addition, the somewhat
meaningless debates over the
"students as students" clause of
the SG Constitution has for too
long a time been a stumbling
block to constructive action by
Student Council. We must turn
away from this strawman and
look to the preamble of that same
constitution which states that one
of the purposes of Student Gov-
ernment is — "to foster a recog-
nition of rights and responsibili-
ties of students to their College
and Community." With this guid-
ing principle we need only confine
our efforts to programs that
will have a meaningful affect on
the students, the campus and the
community. The stream of hollow
resolutions which recommend no
positive action but merely de-
plore the existence of a problem
must be ended. In their place
programs like those enlisting stu-
dent participation in a neighbor-
hood program to tutor high school
dropouts (JOIN — Job Orienta-
tion in Neighborhoods) and estab-
lishing a letter writing campaign
to free students jailed unconsti-
tutionally in Americus, Georgia,
as well as pursuing our responsi-
bility to students on this campus
on questions of academic policy
formation, course evaluation and
the present "Enrollment Crisis,"
must be substituted.

Rosenberg

(Continued from Page 3)

lining, for the incoming students,
all extra-curricular activities and
other facets pertinent to College
life.

IV. We intend to establish an
Advisory Board to the President
of the Student Government con-
sisting of the Presidents of Inter-
Fraternity Council, House Plan
Association and Tech Council and
the Editors-in-chief of the three
school papers. The purpose will
be to provide the organizations
with a liason so that they will
identify with and suggest pro-
grams to the Student Govern-
ment.

V. We intend to administer to
the needs of the small organiza-
tions as well as large. Their
needs, we feel, can best be met
by having the Treasurer and Fee
Commission meet with any or-
ganization that requests aid per-
taining to programming or gen-
eral organization problems.

VI. Speaker Program — We
intend to achieve a regular pro-
gram of prominent speakers by
inviting speakers in the name of
Student Government in conjunc-
tion with the Administration and
Faculties of the College. In addi-
tion, we believe this to be a le-
gitimate area for student fees.

Elect

JAY FORTGANG '65
To Student Council
Vote New Perspective "X"

Dean Deltoro Visits Brooks A F Base

Three weeks ago, Dr. Vincent
Deltoro, Professor of Electrical
Engineering and Assistant Dean,
as a guest of the U.S. Air Force
Officer Training Program, toured
the Air Force's research and
training facilities near San An-
tonio, Texas. As a member of a
group of eleven educators from
Colleges and Universities in the
North Eastern part of the coun-
try, Dr. Deltoro was familiarized
with technical training techniques
in their various laboratories. Ac-
cording to Dr. Deltoro, of the
eleven members 7 or 8 were
placement directors from their
respective institutions and were
therefore more interested in
learning of Officer's Training

School (OTS) not the technical as-
pects such as he was. In particu-
lar, Dr. Deltoro was impressed
with the USAF Aerospace Medi-
cal Division at Brooks Air Force
Base. It is here where the phy-
siological and psychological as-
pects of human flight are studied
Some of the more important pro-
jects carried on at this center in-
clude: training and preparing
monkeys for space flight, training
and preparing mice for the same
task, a study of the radiobiologic-
al hazards associated with the
Van Allen radiation belts and
studies involving partial simula-
tion of space environment con-
ducted in ground facilities and in
aircraft.



Dean Vincent Deltoro (r.) and Reverend B. E. Tierney, of
St. John's inspect a pressure suit at Brooks Air Force Base, Texas.

NEW CHEVELLE!

BY CHEVROLET

The kind of go—6 or V8—you'd expect
from one of Chevy's great highway
performers. Come on down and drive it.

The kind of comfort you'd
expect in a large interior.
Come on down and sit in it.



The kind of fresh styling—inside and out—
that makes it the year's smartest surprise.
Come down and stare at it.

New Chevelle Malibu Sport Coupe

Now—Chevy spirit in a new kind of car!

We built this one to do more than just stand around
looking beautiful. Held its weight down in the 3,000-
pound range. Then built four lusty engines—two sixes
and two V8's—with output all the way up to 220 horses*!

And if that makes you think this is one frisky car,
you've got the right idea.

You've also got a roomy car here. Yet its 115-inch
wheelbase keeps it highly maneuverable in
traffic and very easy to park.

With its Full Coil suspension, it's got a ride
that reminds you of the Jet-smooth kind the

way it muffles noise and cushions bumps.

And the fine hand of Body by Fisher craftsmen shows
up beneath this one's suave good looks, too.

Sound good? There's more. Like the fact that Chevelle
comes in three series with eleven models—convertibles,
sport coupes, sedans, wagons, even Super Sport models
with front bucket seats. Like the fact that (and see if

this isn't one of the nicest surprises of all) the
new Chevelle comes at an easy-to-take price!

Like to hear more? The listening's wonderful
at your Chevrolet dealer's—and so's the driving.

*Optional at extra cost



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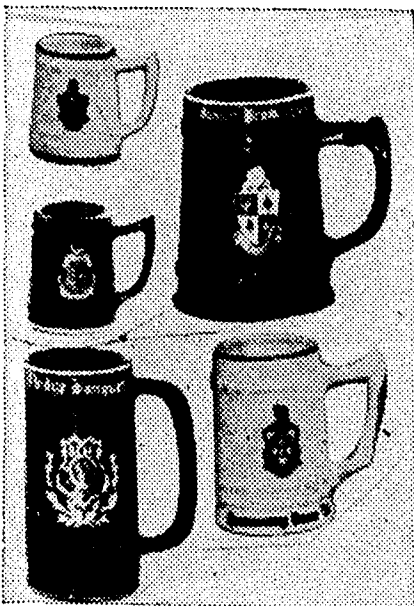
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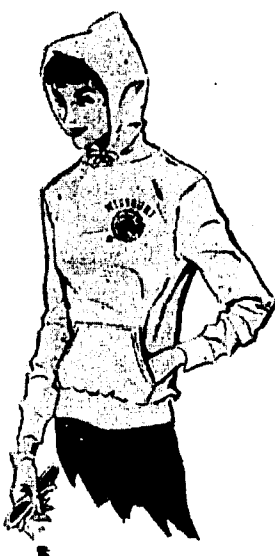
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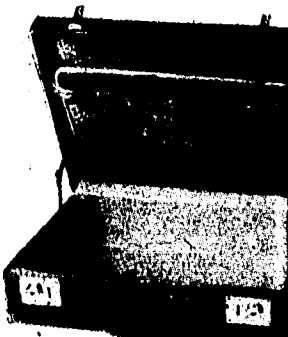


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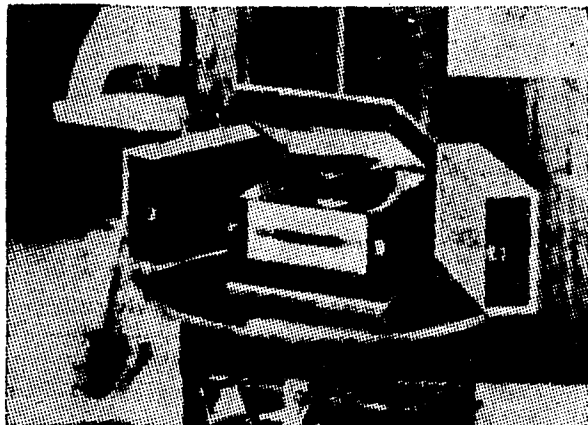


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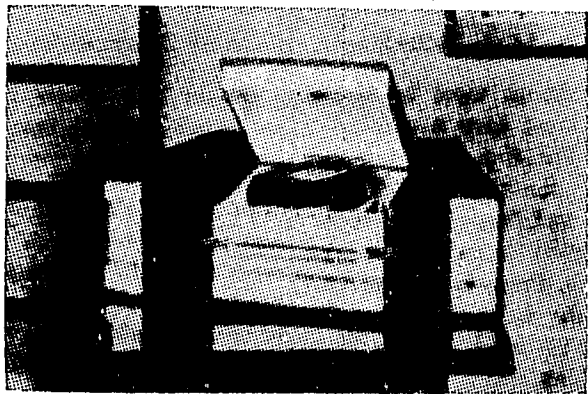


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