

7) James F. Smith, D.D.S., Ph.d., Associate Professor of Pathology, Institute of Pathology, University of Tennessee.

Nature of Project: Study of the relationship of smoking, use of snuff, and other uses of tobacco to incidence of cancer of the lip, buccal mucosa, floor of the mouth, palate, tongue, and larynx.

Estimated Cost: Not determined, but in excess of \$3,600.

Action: Dr. Smith will be asked to submit a statement of the purpose of his work and an appropriate proposal to C.T.R. for grant. Final action will await evaluation of that proposal.

The Ad Hoc Committee submitted its "priorities" selected from the recommendations for specific research presented to General Counsel at an earlier meeting. References hereinafter will be as appear from those proposals.

The Ad Hoc Committee divided the proposals referred to into three categories:

- Category A: Projects essentially of "adversary" value. These are considered to have a relatively high priority.
- Category B: Research having a generally defensive character.
- Category C: Basic research.

Detailed consideration was given to the following projects under Category A; there follows my notes of the action taken:

- II-2; II-25 Approved for handling by C.T.R. special projects.
- II-1, 3, 4 Approved and given high priority for handling by Ad Hoc and leading, hopefully, to responsible articles for publication. No estimate of cost.
- II-2 Approved for immediate action under Ad Hoc Committee direction.
- II-5, 44 Authorized for immediate action; II-5 under the direction of Ad Hoc Committee and II-44 for handling by C.T.R. special projects.
- II-8, 9, 10, 22, 23, 32, 33 To be handled by C.T.R. special projects, Dr. Hockett to submit a preliminary plan for implementation.
- II-14, 15, 16 Authorized, for action by C.T.R. special projects on II-14, 15 and II-16 to be the responsibility of Ad Hoc Committee.

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II-28, 30, 31 Generally to be handled by C.T.R. special projects, but to be re-stated to express short term projects available, as opposed to long term, and re-submitted.

II-47; IV-1,9; V-2 Authorized under the supervision of Ad Hoc Committee.

II-48 Approved for action by Ad Hoc Committee.

III-2 Authorized for handling by C.T.R. special projects and given high priority.

III-14 Approved for handling by C.T.R. special projects cooperating with Ad Hoc and given high priority.

III-17; IV-5 Deferred, pending progress of Dr. Langston's special project authorized above.

III-26 Authorized under supervision of Ad Hoc Committee.

III-31 Ad Hoc to investigate further, with particular reference to available researchers and probable costs. To be re-submitted.

IV-10 Authorized under supervision of Ad Hoc and given high priority.

VI-5 Ad Hoc to submit specific proposals with estimated costs.

It is understood that both C.T.R., in respect of its special projects, and the Ad Hoc Committee will as occasion warrants, but upon no fixed schedule, report the status of all projects as they proceed to General Counsel. It is also understood that both C.T.R. special projects and Ad Hoc will to the fullest extent possible advise General Counsel of the estimated cost of specific projects and maintain full accounting of actual expenditures. In particular the Ad Hoc Committee is not authorized to make commitment for expenses without previous submission to and approval by General Counsel.

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BROWN & WILLIAMSON TOBACCO CORPORATION

1600 West Hill Street - Louisville, Kentucky 40201

January 3, 1966.

LAW DEPARTMENT

ADDISON YEAMAN, VICE PRES
GENERAL

JAMES N. RAULIN
DEBAUN BRYANT
PATRICK M. KELLY

Messrs. Haas ✓
Hetsko
Ramm
Russell
Smith

If you find any needed corrections or changes in the enclosed,
please note them at meeting of Counsel on Thursday, January 6.

Very truly yours,

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PLAINTIFF'S
EXHIBIT
0538
ALL-STATE LEGAL SUPPLY CO.

Re: Meeting of General Counsel on
December 17, 1965

Pursuant to request from General Counsel of each of the six participating companies, the Ad Hoc Committee submitted seven proposals for specific research projects which, in their view, deserved immediate implementation:

- 1) Prof. Lucio Severi, Director and Dean, Istituto di Anatomia e Istologia Patologica, Perugia

Nature of Project: "Work on the relation between lung tumours in animals and isoniazid."

Estimated Cost: \$20,000

Action: To be submitted to S.A.B., C.T.R.; if not approved, the project will be carried out by C.T.R. under its "special projects."

- 2) Geoffrey L. Brinkman, M.D.

Nature of Project: Selection of sections which grossly appear to be adjacent to malignant tumors for examination under an electron microscope to determine whether the claimed deciliation and cell changes at the tumor site have occurred.

Estimated Cost: \$3,000-\$4,000, with possible later application "to the appropriate organization" for extension of the work to a larger number of cases.

Action: Approved for implementation by C.T.R. special projects in close cooperation with the Ad Hoc Committee.

- 3) Hiram Langston, M.D.

Nature of Project: Analysis of records of patients at Veterans Administration Hospital in Hines, Illinois, to determine age of peak incidence of bronchogenic carcinoma. Dr. Langston's work bears on the importance of dosage factor in respect of smoking.

Estimated Cost: \$2,000-\$3,000.

Action: Authorized, under supervision of the Ad Hoc Committee, expense to be handled through Central File.

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- 4) P.E.S. Palmer, Department of Radiology,
University of Cape Town, South Africa

Nature of Project: Investigation of "population pockets" having a high incidence of lung cancer with very low per capita consumption of cigarettes.

Estimated Cost: \$600

Action: Approved; to be handled by Ad Hoc Committee; expense to be borne through Central File.

- 5) Leo Katz, Professor of Statistics and Director of the Statistical Laboratory, Michigan State University; Visiting Professor of Bio-Statistics, Medical School, University of Cincinnati.

Nature of Project: Design of a pilot experiment to induce small laboratory animals to smoke to determine feasibility of building "behavior in these animals as close as possible to that of human smokers" with "study of psychological characteristics of the smoking animals as compared with non-smoking animals."

Estimated Cost: (a) Approximately \$2,000 to Michigan State University for animals, development of smoking rig, laboratory technicians' time, plus overhead, and (b) consultant fees to Drs. Katz, Deany and Ratner.

Action: Approved, C.T.R. to furnish financing under item (a) and expenses under item (b) to be borne through Central File.

- 6) Dr. Alvan R. Feinstein, Department of Internal Medicine, School of Medicine, Yale University.

Nature of Project: "Relationship of cigarette smoking to the clinical course and behavior of cancers of the lung, larynx and rectum," with particular reference to "the development of techniques of multivariable analysis."

Estimated Cost: \$5,600.

Action: Approved; to be handled through C.T.R. special projects in cooperation with Mr. E.J. Jacob.

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