Files

AGREEMENT between the Department of the Interior and the Ethyl Gasoline Corporation, 25 Broadway, New York, N. Y.

The Department of the Interior, acting through the Bureau of Mines, (hereinafter referred to as the Bureau), and the Ethyl Gasoline Corporation, (hereinafter referred to as the Corporation), being interested in carrying on an investigation relating to certain phases of the physiological effects of exposure to a product known as "Ethyl Gas," which is specifically a mixture of tetra ethyl lead and a halogen carrier with ordinary commercial gasoline; do hereby agree as follows:

The Bureau agrees to supervise the investigation contemplated herein, and will provide the use of the regular equipment of its laboratories.

The Corporation agrees to provide a sum of at least $7,900 and not exceeding $10,000 to be used for salaries of additional assistants and other expenses incident to this investigation, it being understood that these additional assistants shall be under the control of the Bureau. Payments shall be made by the Corporation in such installments and at such times as requested in writing by the Director of the Bureau or his duly authorized agent, upon approval of Dr. W. Gilman Thompson, acting as representative of the Corporation in carrying on this investigation.

The attached schedule, which is made a part of this agreement, contains an outline of the work to be conducted under this investigation, and the method in which it is estimated, the expenditure shall be made. It is understood and agreed, however, upon mutual agreement of both parties hereto that this program may be changed from time to time.

The publication of the results of this investigation shall be under the control of the Director of the Bureau. Provided, however, that all manuscripts shall be submitted to the Corporation for comment and criticism before publication. Due acknowledgement will be made in publications to the Corporation for its cooperation.

No progress reports will be published before the investigation has been completed without the mutual consent of both parties. It is understood, however, the Corporation may make use of the information obtained in its own work as the investigation progresses.

When approved by the Secretary of the Interior, this agreement shall be considered in effect as of September 15, 1924, and remain in force and effect until June 30, 1925, unless terminated earlier by mutual agreement.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals.

Witnesses:

_____

_____

_____

R. A. Van Eaton

BUREAU OF MINES,
By: D. A. Lyon
Acting - Director.

ETHYL GASOLINE CORPORATION,
By: Frank A. Howard
First Vice President.

DEPARTMENT OF THE INTERIOR,
Approved: Oct. 2, 1924.
E. C. Finney
First Assistant Secretary.

* Should it be found possible to carry on simultaneously different phases of the work, thereby expediting the investigation, the above amount has been estimated to provide for the purchase of additional equipment which may be used.

The investigation is to consist of the following studies on animals and, if advisable, in some instances, upon man:

1. Effect of long continued inhalations of concentrations of ethyl gas and ethyl fluid that simulate those to which garage men, filling-station employees, and consumers of the products might be exposed.

2. Effect and absorption through the skin of ethyl gas and ethyl fluid under conditions that simulate those which might occur among garage men, filling-station employees, and consumers.

3. A differentiation between the physiological effects and changes produced by the constituents composing ethyl gas and ethyl fluid or, namely, a possible determination of those attributable to tetra ethyl lead, the halogen carrier, and the gasoline.

Personnel:

1 Assistant Biochemist	$2100.
1 " Analytical Chemist	2100.
1 Laboratorian	1200.
	$5400.

If in the course of the investigation, it is found possible to expedite the work by simultaneously carrying on various phases, the above personnel may not suffice for all the laboratory work, in which case it will be necessary to provide a laboratory assistant whose duties will be divided with the work as needed.

Equipment and Supplies for 12 months' experimentation:

Animals	$ 300.
Chemicals and Supplies	500.
Annual Feed	200.
Probable Equipment (see note)*	1900.
	$2900.

* Should it be found possible to carry on simultaneously different phases of the work, thereby expediting the investigation, the above amount has been estimated to provide for the purchase of additional equipment which may be used.