



GEORGE WASHINGTON — Firemen at the University of Alaska in Fairbanks got into the bicentennial spirit recently with a little fancy brushwork on this fire hydrant.

— Photo by MARC OLSON

## Urgent Research—

# Smog-Free Automobile Engine

John V. Tunney, (D-Calif.) today hailed Senate passage of his legislation calling for an urgent research and development program to produce an energy-sufficient, smog-free alternative to the internal combustion car engine.

Tunney said development of the new auto engine could "accomplish enormous fuel savings and drastically reduce smog-producing auto emissions."

Title II of the bill, the Automobile Fuel Economy and Research and Development Act (S. 1883), which passed the Senate late yesterday, authorizes grants of up to \$175 million and Federally guaranteed loans of up to \$175 million to develop the engine.

The measure also mandates minimum fuel efficiency standards for cars. Similar legislation was approved by the Senate last year as part of the National Fuels and Energy Conservation Act, but died in the House.

The Senator's bill calls for the best practicable level of energy conservation while mandating that cost, noise, durability and safety criteria also be met in a smog-free engine.

"The big auto companies, with billions of dollars invested in the present internal combustion engine and the big car configuration are prisoners of their past profits," Tunney said. "They will continue to foist off on the public more gas-guzzling, high polluting models unless they are pushed much harder than the government has been willing to push."

The Senator said his bill contemplates "an Apollo-type program, far less costly but no less urgent than the space program."

Following are excerpts from his floor statement:

"Our action will clearly indicate to the American people the level of our commitment to energy conservation as a national goal. "This program will mobilize and consolidate national scientific resources to develop an automobile system which is clean, quiet, energy-efficient and safe.

"Separate studies by the Advisory Committee to the

Environmental Protection Agency's Alternative Power Systems Program, the Atomic Energy Commission, the Federal Energy Administration and the M.I.T. Energy Laboratory all have concluded that there is a crucial national need for an extensive Federal Automotive Research and Development Program.

"The automobile companies themselves admit that there is a need for Federal funding in this area. Fred Secrest, Executive Vice President of Ford Motor Company, stated in Committee hearings that I chaired in March:

"We are spending all of the money we can raise on R & D for alternative engines. I have no objection to a government research program. . . I would support it!" "It seems clear that a properly funded and carefully

executed Federal R & D program can contribute significantly to the attainment of the fuel economy goals of title I of this bill, as well as the attainment of other long-term national goals.

"It would provide assurance that all reasonable automotive technologies will be explored, while providing the technical data necessary for developing long-term regulatory and other policies.

"It would also introduce a more orderly approach to the development of advanced automotive technology, replacing today's more haphazard approach."



FARM

A parcel of land ripe for subdivision.

## Alaska Native Program—

# Real Estate Principles and Practices

Five Alaska Natives have been selected to participate in a pilot training program on real estate principles and practices. This program, funded by the Bureau of Indian Affairs (BIA), is a cooperative effort of that agency, the Bureau of Land Management (BLM) and Tanner-Magowan Realtors.

The program was designed to provide an opportunity for Native people to train in various aspects of land management and real estate. With the advent of the

Alaska Native Claims Settlement Act a need was created for specialists to manage and oversee the utilization of vast tracts of land.

Currently there are few Native people with the training to undertake this responsibility. This program will provide an orientation for Alaska Natives on various aspects of realty work in both the public and private sector.

The two month long program consists of two distinct parts.

First, classroom training consisting of formal instruction in the nature of real estate and the technical aspects of land use and ownership, is being provided by Tanner-Magowan Realtors through their real estate licensing course.

The second phase of the program consists of field experience supplemented by intensive classroom instruction. Students have been observing in the realty offices of BIA, the sales offices of Tanner-Magowan Realtors, and the lands and minerals operations of BLM. They will spend two weeks observing in each organization.

June Jaidinger, Mary Wilson, Patricia Huffman, Robert Jaidinger and Mary Constantine were selected to participate in the program.



Fat heads, lean brains.

## Leadership Beyond the Village

The Center for Northern Educational Research (CNER) of the University of Alaska/Fairbanks has received notification of funding for a program entitled: "How Things Work: A Guide to Leadership Beyond the Village."

Funded through Title I of the Higher Education Act of 1965, the program will serve to improve local leadership in rural communities.

Selected participants from ten rural communities will be invited to participate in two weeks of activities which should provide

them with a better understanding about the operations, the administrative structures resulting from the Alaska Claims Settlement Act, and the political process of the State legislature.

One week will be spent in Anchorage providing an orientation to the Alaska Federation of Natives and engaging in an intensive political science course at the University of Alaska to learn about the theoretical bases of political processes.

The following week will be spent in Juneau during the 1976 legislative session to see the political process in action and to become acquainted with the legislators representing their home communities.

Ron Inouye of the CNER staff will manage this program, which was approved for funding by the Alaska Postsecondary Education Commission.

Upon return to the home communities, the participants should have a better theoretical and practical knowledge of administrative structures and political processes and how those structures and processes work.

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