

## 20 YEARS HENCE

## Pushbutton Age Will Improve Safety Picture In The Home

Scientific progress during the next 20 years will result in sweeping changes that will make the home a safer place in which to live. Although some new hazards will be found in the home in the next two decades, many present-day threats to safety will be eliminated, according to a recent observation of A. S.

Johnson, vice president of the American Mutual Liability Insurance Company.

**THE SAFETY** observer drew on a report of a recent home safety conference of the Institute for Safer Living, and pointed to a number of changes due in the American home 20 years from now:

1. Houses already built that will be seeing service during the next 20 years will have undergone extensive interior remodeling. This will be necessary to take care of new developments in appliances, furnishings and conveniences.
2. New homes, conforming in design and architecture to "push button" living, will tend toward one-story construction.
3. Prefabricated and package-built houses will come into general use in the small-homes field, and to some extent for high-priced homes.
4. Stairways and steps will be largely eliminated. Where they remain, they will be better lighted and less steep.
5. Improvement in home lighting will eliminate the treacherous shadow.
6. While wood will continue to be the basic home building material for at least another 20 years, aluminum may in time replace it. Plastics also are about to come into greater use, both as structural and surfacing materials.
7. Houses will become increasingly fire-proof. City fire codes are expected to specify an increasing number of fire-resistant materials, including fire-proofed wood products.
8. Inside the house will be much safer. The kitchen match will give way to automatic lighting devices. Sharp knives will be replaced by automatic cutting devices, bottles and glass containers by plastic containers. Glass will be so made that it turns into harmless powder when shattered. Textile items as draperies, curtains and table cloths will be fire-proofed.

Mr. Johnson went on to say: "In view of all this, changes in family structure may tend to continue present home-accident trends. For one thing, we will have a larger proportion of older people. It is quite probable that accidents of one sort or another will tend to become more and more a principal contributing source of death among older members of the family.

**"ANOTHER** far-reaching effect on the accident situation is family leisure. Within 20 years, the probability of work injuries and industrial accidents may become quite remote, while increasing time spent in leisure pursuits may bring about a sharp increase in off-the-job accidents. Many accidents now happening at home will occur somewhere else in a few years because people, in filling their leisure time, will be spending more time traveling.

"The present do-it-yourself movement, unfortunately, will introduce activities which will

breed new causes of accident and injury."

Mr. Johnson had several suggestions on how to reduce the frequency and severity of home accidents during the next 20 years:

1. Setting up some form of coordinating agency at Governmental level for the control of home safety.
2. A broad program of education of parents so that in time they accept the responsibility of teaching safety to their children.
3. Wider teaching of safety in the schools.
4. Development and emphasis of home accident-prevention programs by business and civic organizations.
5. Encouragement to the press, radio and television to provide educational and entertaining features to round out the safety program of the future.
6. More work by psychologists, educators, and physicians to eliminate human error and thoughtlessness.



**A NEW FURNITURE SUSPENSION** is being produced by Firestone through its California organization. The product is a molded rubber webbing called Diatex, which eliminates the need for steel springs in furniture. Designed to be used with Firestone Foamex cushioning, Diatex is handled by the Company's Los Angeles plant. Plans call for production at Firestone's Fall River, Mass. plant also. Inset shows Diatex used on a chair from a California manufacturer.



**THE FIRESTONE PLANTATIONS** Company in Liberia is making rubber sandals with a toeless vamp, and sole with non-skid tread. The footwear, manufactured by the Firestone rubber processing plant in Harbel, supplies demands of native plantation workers. Available in gay colors, the sandals provide protection from skin infections and foot injuries. Here, Arthur Koenig, Chief Engineer of the Company's Plantation division, inspects a pair of the shoes.

## College Scholarship Program In Fourth Year

Under the Company Scholarship Program now in its fourth year, 85 sons and daughters of Firestone employees from 18 states enrolled in 71 schools at the beginning of the 1956-57 academic year for the nation's colleges and universities.

The original 22 scholarship winners entered colleges and universities of their choice in September, 1953. Claudette Taylor Kaylor, from a Firestone Textiles family, was among this original group.

The original scholarship winners have maintained qualities of scholarship and character more than equal to the rigid requirements which they must continue to meet in order to receive aid under the Company program.

**COMPETING** against the cream of the crop of the country's most talented young people, the 1953 Freshmen are today's Seniors. As a group, their three-year grade point is well above average, an accomplishment in which their parents as well as the Company can take pride.

Equally impressive academic records have been set by the two succeeding groups selected for scholarships by the Firestone Scholarship Committee in the Spring of 1954 and again in 1955.

The 1956 Scholarship Award winners numbered 29, bringing to 85 the sons and daughters of employees who are presently receiving full tuition, academic fees, textbooks and a contribution toward living costs for their four-year course. They will continue to receive this assistance as long as satisfactory scholastic standings are maintained and all other requirements are met.

**LAST FALL**, 279 sons and daughters of Firestone employees, representing 143 high schools, applied for the Company Scholarships.

All applications were carefully reviewed by an impartial group of judges in selecting the best qualified students for the awards.

Scholarships were allocated to various sections of the country on the basis of proportionate Firestone employment, thereby assuring that children of all employees had equal opportunity to win scholarships, regardless of where they lived.

The 93 holders of scholarships to date—44 boys and 49 girls from 19 states—have enrolled at 79 different institutions.

## Course Selection And Study Vital To Firestone Scholarship Holders

Firestone scholarships are awarded on the basis of high school grades, psychological test scores, and qualities of character and leadership displayed in high school and community.

Sons and daughters of employees who intend to compete for scholarships should know the importance of course selection and of applying themselves throughout the full four years of their high school careers. During this period, it is advisable for parents and teachers alike to help channel student interests in the type of courses and extracurricular activities which are best suited to development of individual talents and abilities.

Having won a Firestone scholarship, it is of utmost importance that a student attend the college or university best equipped to educate him in his chosen field or profession. Here again, parents and teachers can be helpful in seeing that the student gets the most out of the scholarship which he has won.

## Textile School

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past year or so, there has been much publicity given on the fact that the enrollment of textile students at the college level has decreased considerably within the past several years.

"While the enrollment in our school has held up very well," he said, "we do anticipate a decrease when the Veterans Administration Program runs out within the next two years. This school should continue to operate at capacity enrollment without veterans."

**THERE IS** a great need for trained textile workers below the college level, the announcement said.

"The employee may work a full shift in the mill, study textiles in a technical way three or four hours a day and still live at home with his family," Mr. Folk said.

"We try as best we can to get it before the employees that there is no tuition for the resident of the State of North Carolina, if he attends as a non-veteran. Even though we stress this point, we are constantly getting non-veteran students who are surprised to hear that there is no tuition fee.

"The only cost is the cost of the books, which amounts to \$12 to \$15, depending on the course of study. The students attending under the GI Bill have to pay tuition, which is figured on the actual cost of running the school."

## James Moss Joins Honor Fraternity

James D. Moss, member of a Firestone family, has been taken into membership in Alpha Pi Mu, national industrial engineering honor fraternity. James, a junior at North Carolina State College, Raleigh, was chosen on the basis of high scholastic averages. Membership in the fraternity is considered one of the highest honors an industrial engineer can receive.

During summer vacations, James is a junior Time Study engineer at the plant here. His brother, Clyde Moss, is Assistant to the Superintendent of the plant; and his sister, Miss Betty Moss, works in Main Office.

### HAND TOOLS — USE THEM PROPERLY



Never use a screwdriver or a file as a punch or pry—the steel in them breaks easily.



If you have to push a wrench, always use the palm of your hand and prevent banged-up knuckles.



Keep hands and tools free of grease so tool isn't slippery.



Don't pound the handles of hammers or sledges to tighten heads. Take time to insert a wedge so that the head fits tightly.

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