

The WINGFOOT CLAN

Goodyear Atomic Corporation

A Subsidiary of
The Goodyear Tire & Rubber Company

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Run-Flat Tire Device Undergoing Tests--Eliminates Spare

The only way you'll know the air has gone out of a tire is a gentle thump if a new run-flat device being road tested by Goodyear is adopted on the family car to eliminate the need for a spare.

"The ride is so good fully deflated that we had to build a thump to warn drivers when flats occur," said Robert B Knill, Goodyear's vice-president of tire development.

The run-flat device is a reinforced fiberglass "tire" inside a tire that rides underneath the regular tires on all four wheels and eliminates the need for a spare.

Knill said the solid inner tire offers many advantages over other ways to eliminate the spare tire. Among them is the capability of driving up to 50 miles at speeds as high as 50 miles an hour on a flat without damaging the tire.

Weighing about 12 pounds each, the units on all four wheels of a standard car weigh less than most of the mounted spare tires and jacks that now take up trunk space.

There is no need for a special wheel, tire or inflation device, Knill said. The inner tire is clamped around the inside of a standard wheel over which a regular tire is mounted—the entire process taking minutes to complete.

When a flat occurs, the weight of the car is shifted to the inner tire, which rides about two inches below the tread of the inflated tire. A lubricant released inside the tire when it goes flat vaporizes to cool the tread rubber pressed between the device and the road.

GOODYEAR'S LARGEST FOREIGN COMPETITOR GATHERS STEAM

Michelin 'Is Coming On Like Gangbusters'

(Editor's Note—As a result of the longest URW strike in history, foreign competitors are making inroads in U. S. markets and some of this business will be lost permanently by U. S. firms.)

Largest of these foreign competitors is Michelin of France, third largest tiremaker in the world. It has 107,500 employees worldwide.)

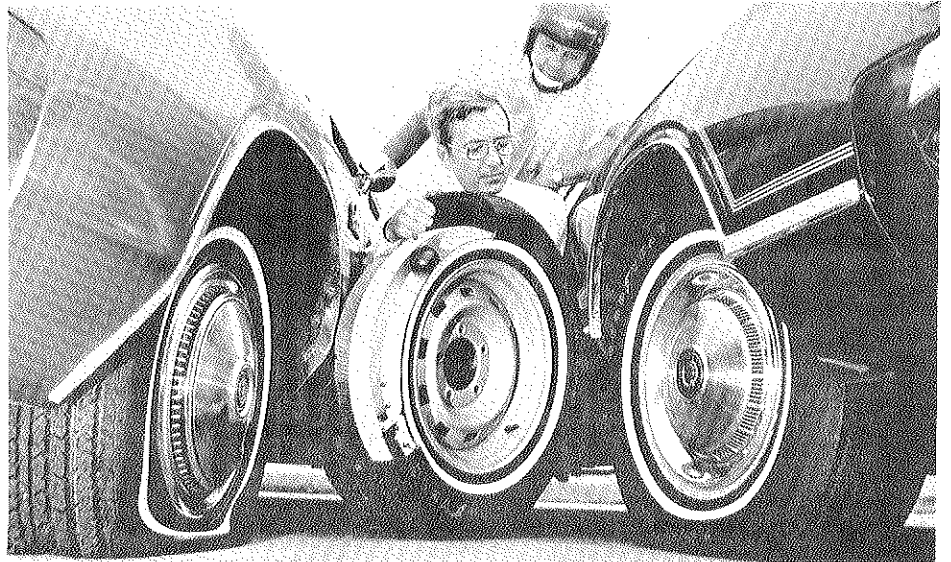
Not counting sales of an estimated million tires to Sears, the Michelin brand accounted for about 2 percent of the 170 million original equipment and replacement auto tires sold in the U. S. last year.

But with an investment of \$300 million in the U. S. in 1974 and another \$300 million earmarked for investment here over the next three years, Michelin is shooting for 10 to 14 percent of the American auto tire market to make those investments pay off.

In the words of an American tire executive, the French competitor "is coming on like gangbusters."

Michelin took its first major step into the American market in 1966 when it contracted to supply Sears with radials. Next it began selling radials to Ford for Lincoln Continental and Mark models. Now it supplies 5 per cent of Ford's tire needs and lesser amounts to General Motors, Chrysler and American Motors, and appears to be moving into even stronger position in Detroit.

Continued on Page 3



THE GOODYEAR test car at right can drive 50 miles at speeds up to 50 mph even though its tire has no more air in it than the flat tire at left. The difference is a hard fiberglass Goodyear "tire" inside the tire (shown in cutaway) that supports the weight of the car until repairs are made. Liquid to cool the rubber tire when it runs "flat" against the inner tire is contained in the rubber ball.

ERDA Awards Second Add-On Package

A second package of an anticipated seven packages of A-E work for the Add-On Facility

here at GAT has been awarded recently. This package is for A-E services on a high voltage electrical system refurbishment and also installation work.

Stone and Webster of Boston, Massachusetts, has been selected by the Energy Research and Development Administration to perform this architectural engineering service. At this time, the letter contract is limited to \$100,000. Only a letter of agreement for initiation of Title I and II engineering design, including planning and estimation of a full scope effort is authorized. Expansion of this initial letter into a full scope effort is dependent on further action by the Congress.

OCAW Strike

The strike called by the Union commencing August 27, 1976, continues. On October 1, a meeting was called by Federal Mediator Howard Hughes with representatives from the Union and Goodyear Atomic Corporation. After a brief period of time, during which very little progress was made, the meeting was adjourned by the Mediator subject to his recall. At Clan press time, no future meetings are scheduled.

On October 6, representatives from the OCAW and GAT attended a hearing in the courtroom of the Federal District Judge, Columbus, Ohio. On Thursday, October 7, an injunction of picketing at the North Access Road to the Plant facility for the exclusive use of construction contractors, their employees and supplies was granted.



Take stock
in America.

Saraceno Assigns ERDA Second Patent



The traditional fee is presented to A. J. Saraceno by C. D. Tabor, General Manager. Also present: R. T. Kaplan, Process Technology and P. R. Seufzer, Development Laboratory.

How is your Credit Rating?

EDITOR'S NOTE: Are you buying a new home? Applying for a bank loan? Or purchasing an insurance policy? How is your credit? Under the Fair Credit Reporting Act you — the consumer — are guaranteed certain rights when credit information is reported about you to credit granters. Below, the Clan provides answers to typical questions about consumer rights under the Fair Credit Reporting Act.

Can I Review My Credit File?

Yes. Upon request, and presentation of proper identification, any consumer reporting agency which issues a credit report about you must disclose all information in your credit file and inform you of the sources of information.

You also must be told the names of those who have received employment reports within the past two years and the names of all others who have received credit reports on you within the past six months. In some cases a small fee may be charged.

What Is In My Credit File?

The information normally accumulated in a credit record consists of identity information, including name, address and marital status and social security number. Also, present employment which includes job held, length of employment, and income. Personal history, such as date of birth, number of dependents, previous address and previous employment information is also listed. In addition, credit history information, including credit experiences with credit granters, and public record information which credit granters feel is important to know is in your file.

What If There Is An Error In My Credit File?

Your credit bureau wants to know if there are errors in your file and will do everything possible to correct any mistakes or record an explanation of your side of the story if an account is in dispute.

The credit bureau will reinvestigate any item you question. If it is found to be inaccurate or can no longer be verified, the item will be deleted. If the reinvestigation does not resolve the question, you may file a statement reporting your side of the issue.

Your statement or a summary of it will be included in any future reports containing the item in question. If an item is deleted or a statement added to your file, you may request that the credit bureau inform those who have received employment reports within the past two years and all others who have received regular credit reports within the last six months.

How Long Does Adverse Information Remain in My Credit File?

Straight bankruptcies are reported for 14 years. Suits and judgments can be reported for seven years or until the statute of limitations is expired—whichever is longer. Wage earner plans, paid tax items, collection accounts, accounts charged to bad debts, records of arrest, indictments, convictions or other adverse information may be reported for seven years.

None of these limitations ap-

Dr. Anthony J. Saraceno of the Process Technology Department at GAT has assigned patent rights to the United States Government for his latest invention. As a result, a patent application for the invention will soon be filed at the United States Patent Office by the Energy Research & Development Administration.

The patent was assigned recently in a ceremony at which time the traditional letter of appreciation and fee were presented. Mr. Charles Tabor, General Manager, made the presentation along with Dr. Roy Kaplan, Supervisor of Process Technology, and Dr. Paul Seufzer, Superintendent of the Development Laboratory.

The invention concerns "Drying of Used Barrier." This is the second invention to be assigned to the government through ERDA by Dr. Saraceno. His first ERDA patent concerned the area of pollution controls of water pollution by ion exchange. Previous to his employment at GAT, which began in October of 1967, Tony received five patents while employed at the Penwall Corporation. Those ideas centered around new materials and chemical process improvements.

His invention has already been utilized on standby converters being restored for service and is a much improved procedure to that formerly utilized. If the invention is recognized as patentable by the patent office, it will be "allowed" but not "issued," because the invention is classified. A patent cannot be issued for a classified patent until such time as it is declassified.

plies if the credit report is used in connection with a credit or life insurance transaction involving a minimum of \$50,000 or on an employment report involving a minimum annual salary of \$20,000.

Indians Now Own Several Natural Resources

Since the mid 1800's the U.S. Government designated 2.3 percent of the United States as Indian Lands. Unknown at the time, many of the 271 reservations are rich in energy resources that are badly needed in the 20th century.

First came the 1905 oil discoveries on Cherokee-Choctaw property in Oklahoma. But coal, uranium, and geothermal are the hot items of the future. By current estimates, Indian lands contain over half the known coal reserves on public domain and 33 percent of all known U.S. reserves west of the Mississippi.

There are 22 tribes with energy resources and the wealth is not distributed evenly among the groups. Some, like the Jicarilla Apaches and Utes are rich in oil and gas; the Laguna Pueblo have uranium; Navajos have both of these resources plus coal reserves. But untapped, such resources cannot change the status of native Americans who are the poorest group of our population - - \$1,450 per-capita income.

Anxious to gain the benefits that accompany mineral development,

Indians currently have 2 geothermal, 13,583 petroleum, 380 uranium, and 11 coal leases - including our largest surface mine. Utah International's operation on the Navajo tribe's revenue comes from the energy leasing program. Most of the 21 other tribes are similarly dependent.

To varying degrees, tribes want to use new leases as a way to provide jobs, job training, and social services for their members and protect their environment. Tribes want to join in and eventually take complete responsibility for developing their own coal.

The joint partnership approach is illustrated by an Exxon-Navajo uranium lease. The approach could accelerate investment by companies, says FTC. Approval of this lease by the Department of Interior "could represent a green light for companies and tribes to negotiate directly without reference to the normal restrictions on leasing or Government agency involvement." Some larger tribes such as the Navajos, feel they are already prepared to enter the energy business by themselves.

Perhaps the most interesting new objective is the energy tribes' policy to act in "solidarity" toward all leases with energy companies. On September 17, 1975 the 22 tribes formed the Council of Energy Resource Tribes.

A KID IS

One who stands halfway between an adult and TV set.

(Anonymous)

ERDA Tries A Flexible Workweek

Approximately 60 percent of the 280 staffers at ERDA's San Francisco Operations Office have changed their working hours from the conventional 7:30 a.m. to 4:15 p.m. shift.

Under a "Flexitime" system which was adopted at the SAN office (which is located in Oakland, California) after several months in trial, employees can select their own starting or quitting time. Their day may begin at 6:30 a.m. or any 15-minute interval until 8:30 a.m. with quitting time from 3:15 to 5:15 p.m. The lunch period is 45 minutes.

There are some management stipulations: All employees must be at work during a "core-time" of from 8:30 a.m. to 3:15 p.m. Individual schedules must be approved by supervisors. A schedule change usually requires a two-week notice. Meetings are scheduled during core-time to the extent possible. Flexitime does not apply where work must coincide with contractor hours or other outside functions.

Employees cite several reasons for adopting the system: improved productivity, improved morale, less tardiness, less improper use of sick time, employee motivation through a feeling of greater personal independence and responsibility, and simply "I like it."

A number of advantages were noted by workers: more time for personal business, employees can plan their own schedule independently, more time for the family, less rushed to leave after work, the commute is more convenient and takes less time, time for evening classes, "I can start earlier, eat lunch earlier and go home earlier," and "I enjoy my work more."

The compressed work week would permit changes in the number of days worked per week. One option, for example, would be a fixed work week of four days of 10 hours each.

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GOODYEAR ATOMIC CORPORATION
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MICHELIN's coming on like Gangbusters'

Cont'd. from Page 1

In 1952, Michelin had only about 165 dealers in the U. S., and these handled mostly truck tires. Today, there are about 2,000 dealers, representing an estimated 3,600 to 3,800 outlets, with more than half of them selling both Michelin auto and truck tires and many carrying off-the-road tires.

Analyst in Paris put Michelin's U. S. sales at \$450 million last year, and estimated its U. S. volume has nearly doubled in the last two years.

Construction was to start this summer on a third U. S. plant in Spartanburg, S.C., scheduled to begin producing truck tires by mid-1978. Last Spring, Michelin bought an abandoned plant from Gates Rubber Company in Littleton, Colo., where it is retooling to begin truck tire manufacturing by 1979. And it has purchased land in Laurens County, S.C., on which it plans to build a research and development center.

Tire Review asked three Michelin executives how big Michelin expects to be in the American market, and reported their response as follows:

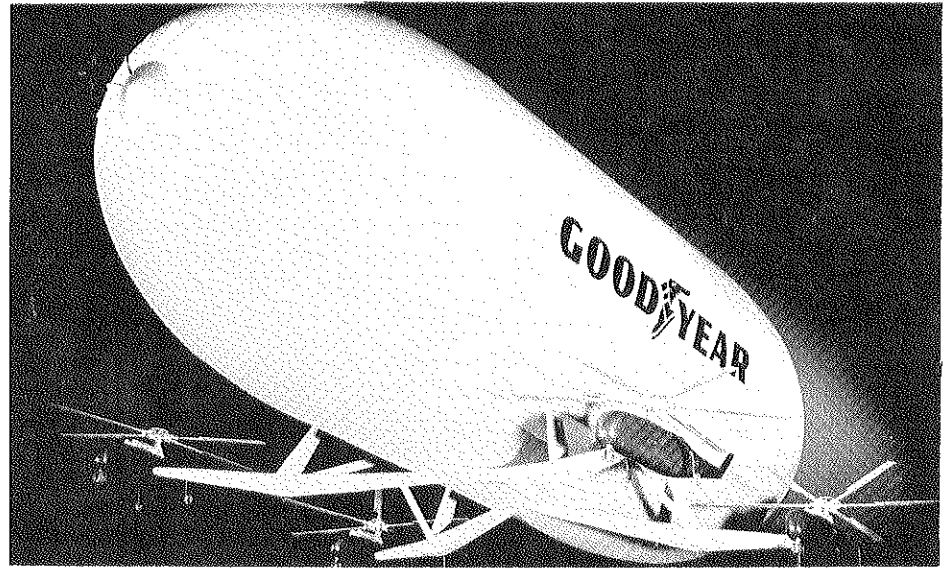
"Our aim is to secure enough American business to give us a chance to be important worldwide. The U. S. is a huge market, and it cannot be ignored. Without a share of this market, we could not be important worldwide."

Just how much U. S. business is enough for Michelin in the years ahead will be determined by how well American companies and their employees respond to the challenge of foreign competition.

GAT All-In-One Program Is Delayed

The Goodyear Atomic All-In-One yearly campaign is the only plantwide solicitation on plant-site. Its only purpose is the support of county-wide programs for the betterment of people and the communities in which all Goodyear employees live. As a result of the present work situation, the 1976 campaign will be conducted about two weeks after the work situation is resolved. Your Clan will keep you informed of all developments in the future.

GOODYEAR HAS LIFTING BLIMP



THIS SCALE model shows how helicopters would be fastened to an airship envelope to gain a 75- to 100-ton lifting capacity. Goodyear Aerospace says studies it has conducted for NASA show that such a vehicle is "technically feasible and ready for immediate implementation."

It's Easy to Rap Technology

"Experts Dined on Their OWN Words"

It was 1899.

Tiny Goodyear had just completed its first year of operation and had come up with a tidy profit of \$34,621. Things were looking even better for the future as the company introduced its first pneumatic auto tire and made its first sale to car manufacturers.

The outlook must not have been as rosy in the nation's capital. The director of the U.S. patent Office was urging President William McKinley to close the Patent Office, "because everything that can be invented has been invented."

If Goodyear had been guided by that patent director, the company today would boast of being the world's largest producer of horse-shoe pads.

That misguided patent director has had plenty of company over the years, according to information from the United States Chamber of Commerce. Many "experts" have vastly underestimated the creativity and ingenuity of man.

King Archidamos III of Sparta, for instance, predicted there would no longer be a place in warfare for human bravery after he learned about the catapult. The year was 365 B.C.

In succession the crossbow,

machine gun and atomic bomb were declared so formidable as to end all wars.

Wilbur Wright, who presumably believed in the future of the airplane, said he didn't see much of a future for horseless carriages. Thomas Edison was convinced that alternate current (AC) electricity was too dangerous for general use.

Knocking technology, as history indicates is easy. Statements such as "It can't be done," "We'll never do it," and "It won't work" involve short, easily pronounceable words.

Those same words, as most short-sighted persons usually learn, are a bit more difficult to eat.

Three Twenty Year Plus Employees Retire

James H. Welsh, an Electrician, 1st class, in D-711, retired effective September 1, 1976, under normal retirement with nearly 23 years of service.

Jackson G. Ewing, a Utilities Operator in D-852, took early retirement effective September 1, 1976, with nearly 23 years service.

James F. Brandt, a Maintenance Mechanic, 1/c in D-724, also took early retirement effective September 1, 1976, with over 20 years of service.

Good Health
in retirement.

Two Promotions are Announced



ROYAL WEBER

T. R. Royal was promoted to Foreman, Maintenance - Compressor Shop, Department 724.

D. J. Weber was promoted to Coordinator Women's Programs, Department 224.

ERDA Monitors Weather by Balloon

The DaVinci III balloon and its four crew members landed in northeast Kentucky Saturday morning, July 24, successfully completing an air pollution research flight which began the previous day in St. Louis.

The scientific balloon mission, the second to originate in the St. Louis area this summer, was launched from Arrowhead Airport, west of St. Louis, at 7:25 a.m. CDT on Friday, July 23. The crew - - three men and a woman - - landed the balloon at approximately 9 a.m. EDT the next day near Morehead, Kentucky, about 50 miles east of Lexington.

The purpose of the flight was to follow industrial and urban air pollution into the surrounding countryside, and to record the changing concentration and chemistry of the pollutants. Through much of the flight, the balloon floated in, and scientist recorded detailed data from, a "plume" of air pollutants which emanated from the St. Louis area. Early findings indicate that high levels of ozone and sulfur dioxide, two major air pollutants, persisted throughout the flight.

The Da Vinci III mission was a joint project of the Energy Research and Development Administration (ERDA), ERDA's Sandia Laboratories, the National Oceanic and Atmospheric Administration (NOAA), and the Environmental Protection Agency (EPA).

Our Flag

"The beautiful red, white and blue flag that stands so high and mighty has so many meanings. Most of all, it has the power to say 'anyone who lives under me is free.' It lets me be me."

CLASSIFIED

FOR SALE: Jack Nicklaus Golf Set 1975 Model. Irons 3 thru 9 plus Wedge. 1, 3, 4 & 5 Woods. \$80.00. Call Portsmouth 353-0935 after 5:00 p.m.

FOR SALE: 16 foot Crosby Boat, 70 hp Mercury Motor, Trailer. Call 354-5341.

WANTED: Electric Train Set in good condition and reasonable price. Call 947-5590.

FOR SALE: Saddle, Bridle, & Blanket (\$60); Pool Table (\$250), Youth Bed (\$20); 1971 Mercury (\$900); 3 Bedroom Brick Home, full basement, 2-car garage, swimming pool, 10 lots (150' x-65'), all for \$45,500. Call 226-3923 after 5:00 p.m.

FOR SALE: 1970 Plymouth 4-door sedan. Call 289-2010.

FOR SALE: Dirt Bikes, dirt cheap. Your choice of two 1976 Suzuki RM 100's. Many new spare, high performance accessories. Call 947-2954.

Seat Belts Are Important For Several Reasons Besides Safety

If you don't wear your seat belt, can you successfully sue for injuries suffered in an auto accident?

Edward Good, Senior Attorney for the Motor Vehicle Manufacturers Association concluded, "It's clear that the question of whether the vehicle occupant was wearing his seat belt, and what happened because he was not, will become an issue in more cases in the future, as awareness of the effectiveness of the belts as safety devices becomes more general. The courts in 14 states have indicated a defendant may prove a plaintiff was remiss in not using his seat belt and thus suffered injuries he otherwise would have escaped."

"There is still a surprising amount of misinformation about seat belts among the driving and riding public," he said, adding, "we still hear otherwise well-informed people assert, in the face of all the evidence to the contrary, that it is safer to be thrown clear in a motor vehicle collision than to remain in the car."

Good said that in-depth accident programs by teams from the University of Michigan, Calspan Corporation and Southwest Research Institute show that lap belts reduce moderate or worse injury by 27 percent and that lap and shoulder belt combinations reduce the same probability by 42 percent.

Safety Award Boxscore - Sept.

The total award accrued for each employe through Sept. 30 is \$12.00. Let's keep lost time accidents at the Sept. level-0.

Your effort and attention are essential.

Hospital Costs Continue To Increase

Excess hospital beds and unnecessary duplication of service and facilities are among the major causes of cost increases in health care, according to Richard M. Martin, manager of health service industry relations for Goodyear.

Since 1968, Martin said, the company's hospital-medical costs have tripled. "The main causes have been price inflation of existing services, introduction of new services and technology and increased utilization," he said.

Martin pointed out that in those communities where Goodyear has facilities and where costs are the highest, "we have found that almost without exception there were excess hospital beds and unnecessary duplication of services and facilities."

In citing Akron as an example, Martin made these points:

- * The average length of hospital confinement is three days above the national average.
- * Maternity occupancy levels in several of the hospitals are unacceptably low, one currently running at 25 percent.
- * Two hospitals added high voltage radiation therapy equipment, which today is underutilized. Each hospital purchased a new machine at the same time at a cost of several hundred thousand dollars.

Cost Reduction Program Note

The Cost Reduction "I"dea Month was originally scheduled for September as reported in the last Clan. Because of the reassignment of many employees, the "I"dea Month will be scheduled some time in the future.

Although we particularly emphasize ideas during that month, cost reduction is an important aspect of every job. Keep that in mind and work toward that point when you are a member of the Cost Reduction Honor Roll.

Food for Thought

Americanism: "If you want your father to take care of you, that's PATERNALISM. If you want your mother to take care of you, that's MATERNALISM. If you want Uncle Sam to take care of you, that's SOCIALISM. If you want your comrades to take care of you, that's COMMUNISM. If you want to take care of yourself, that's AMERICANISM."

KIDS ARE

That wonderful time when all you need to lose weight is to bathe.

(Anonymous)

Those who do not prattle of yesterday. Their interests are all of today.

(Richard Mansfield)

Natural mimics—they act like their parents in spite of every attempt to teach them good manners.

(Anonymous)

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