

Service Stations 50 Years Old This Month

By JOHN CARROLL, United Press International PITTSBURGH (UPI) — A highly polished Chalmers touring car rolled up to an intersection in this city's East Liberty Section and its driver eased it to a stop in front of a strange looking building which bore a sign reading "Supreme Auto Oil."

The date was Dec. 1, 1913 — exactly 50 years ago. It was the day the world's first drive-in gasoline station went into operation. Business wasn't what you would call booming that first day. In fact, only 30 gallons of gasoline were sold. The next day, 32 gallons were pumped and by the first Saturday the

output had jumped to 350 gallons. Word spread quickly that something new had come to the infant world of the horseless carriage. The station's operator (Gulf Oil) was offering two grades of gasoline to its customers. One grade sold for 25 cents a gallon; the other for 27. There were no state or federal taxes. At the time, there were only about 10,000 car owners in the Pittsburgh district. But this innovation—a gas station—caught the fancy of the driver.

Prior to the appearance of this first station, gasoline for automobiles and trucks had been sold at livery stables and garages. The practice was to hand-pump fuel into cans of either one gallon or five gallon capacity. The cans were provided by the motorist. He, in turn, would pour the gasoline into his car's tank by filtering it through a chamois or some other heavy cloth "for purity's sake."

Not long after its inception, the world's first drive-in station began to offer other services. There came free crankcase service, the filling of radiators and the pumping of air into tires. Flats were fixed and accessories were available.

The gasoline station, in effect, became a service station. Attendants worked eight-hour shifts and the station was open around the clock.

There were other "firsts." Among them were the opening of public restrooms in the station, a no-tipping policy that carries over to today and the offering of free road maps.

The latter was the brain child of a Pittsburgh advertising man, William B. Akin. He was a motoring enthusiast who admitted

he constantly got lost whenever he drove beyond city limits.

While having his car serv-

iced one day in the spring of 1914 at the world's first gas station, he conceived the idea of

having maps printed that would show the main roads that exist-

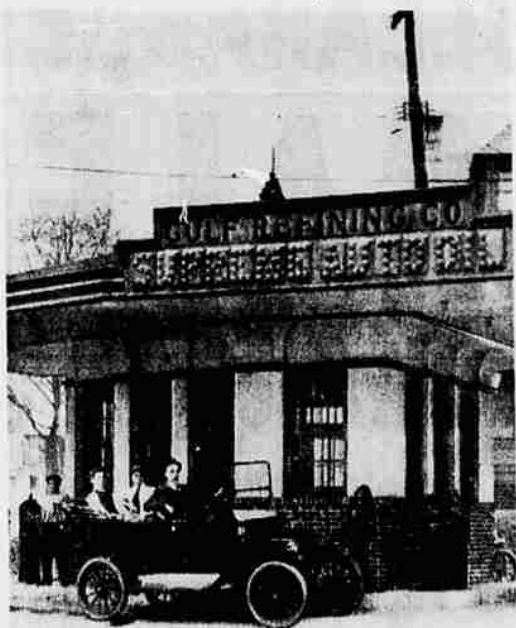
ed in his area.

The next morning, Akin stepped into the general office of the oil company with his map

idea. He got an okay and maps were mailed to all motorists in the district.

The same oil firm now gives away about 10 million road maps annually.

NO MONEY DOWN ON CREDIT AT WARDS — JUST SAY "CHARGE IT!"



FIRST SERVICE STATION — In Pittsburgh, Pa., three men in a highly polished Chalmers touring car wait for services at Supreme Auto Oil, probably the world's first drive-in gasoline station. (UPI)

The Medical Roundup

By *Walter Alvarez*
Emeritus Consultant in Medicine
Mayo Clinic
Emeritus Professor of Medicine
Mayo Clinic
Register and Tribune Syndicate, 1963.



Herniated Intervertebral Discs
Recently, Drs. Paul C. Bucy and H. T. Oberhill of Northwestern University, wrote a paper on herniated (or ruptured) lumbar (lower back) intervertebral discs. As they say, often the patient is disabled not only with backache but with sciatica (pain going down a sciatic nerve on the back of a thigh).

stoooped over forward. Rarely he will come into the doctor's office in a wheel-chair. On sitting down, the man may be so uncomfortable that he keeps shifting his position. After a bit he may ask if he may stand. Obviously, such people are in pain.

Herniation of a lumbar disc is thought to be responsible for nine in 10 attacks of sciatica. What happens is that a disc breaks open at the back, and some of the material in it leaks out into the space in the spinal column. There it presses on some of the nerves which come out of the lower end of the spinal cord and join to form the sciatic nerve. The osteoarthritis (changes in the vertebrae), of the lumbar spine, which is so commonly seen in the X-ray films taken of the backs of people, is seldom responsible for the sciatic pain.

With certain tests, such as lifting the leg and thigh straight up while the person lies on his back, an orthopedist can show that some of the muscles of the back are tense. Also, there may be abnormalities in the tendon-reflexes of the affected leg (a jerk when the tendon is hit with a little hammer). Typical is an absence of the "Achilles (heel) tendon reflex." Because of a weakness of the muscle on the front of the leg, the person may be unable to lift up his foot from the ground when his heel is on the floor. There may be some shrinkage or loss of tone in the muscle on the back of the affected leg. Usually, there is no great loss of sensation in the skin of the leg.

Curiously, a ruptured lumbar disc is found more often in the sedentary housewife than in the laborer, who spends his days bending over shoveling or lifting heavy weights. Obviously, herniation of a disc would seem not to be due to hard physical labor, but rather to some in-born defect in the spine.

Narrowing of Space
Sometimes the X-ray film shows a definite narrowing of the space between two vertebrae. The writers very rarely use myelography (an X-ray study of the space within the spinal column after it is injected with air or a drug).

Repeated Bouts of Pain
Many of the patients tell of repeated bouts of severe pain and weakness in their lower back. Some tell of getting temporary relief from either manipulations of the back, or massage, or just rest and heat. Some persons with diseased discs are much the worse for a so-called "manipulation" of their spine.

Treatment can be conservative or surgical. Drs. Bucy and Oberhill feel that conservative (medical) measures can give relief of pain and disability in about 65 per cent of the cases. Some persons, however, are in such bad shape when they come to the doctor that the only thing he can do is to operate quickly. It helps a fat man with a bad back to lose weight, and it helps

Persons with a bad back generally find it hard to get up in the morning; it is hard to stand up and walk. They may be unable to sit squarely on their buttocks; also, they may feel a jab of pain whenever they cough or sneeze, or strain at stool, lift something, or bend over. Coughing and sneezing can send a wave of pressure down the fluid in the spinal canal.

Because lying down, especially on a hard surface, may relieve the pain, some of the patients will sleep with boards under their mattress, or they may even sleep on the floor. Some will feel better sitting erect on a straight, firm chair. Many a one discovers some particular position in which he feels better.

Drs. Bucy and Oberhill say that so far as they can see, the giving of antibiotics, vitamins and "muscle-relaxing drugs" seldom helps. Ultra-sound treatment often fails to help, and it can be a dangerous thing to use over the spinal cord.

"Back-supports" and belts usually do not give relief. Traction (a steady pull on the legs) may help a bit, but Drs. Bucy and Oberhill do not think much of it as a form of treatment. It may help because with it the patient gets rest in bed.

Some patients walk with a limp, favoring the leg in which there is pain. A man may walk listed over to one side, or

Kreisman Attends National Meeting

ASHLAND — Dr. Arthur Kreisman, chairman of the humanities division at Southern Oregon College, took part in a special meeting of college department chairmen at the National Convention of the National Council of Teachers of English, recently in San Francisco.

The discussion meeting which was limited to 20 participants by invitation, was concerned with the influx of college students and the serious shortage of qualified professional personnel.

Others accompanying Dr. Kreisman to the conference from the Southern Oregon College English department were Dr. Donald Moore, Mrs. Mary-thea Grebner, and Charles Ryberg.

him if he will avoid much exertion.

Some surgeons believe in fusing two or three vertebrae, with the help of a bony splint, while others feel that this is all wrong, not indicated, and not likely to help. As they say, why fuse, when all that is wrong is that parts of a ruptured intervertebral disc are pressing on nerve roots? This sounds very reasonable. In 95 per cent of their operations, all Drs. Bucy and Oberhill do is to remove the disc material which has worked its way back into the canal. When this is what was causing the pain and all is removed, the patient should be well. In the few cases in which the patient does not get well, a particle of disc may have been overlooked, or there may have been a mistake in diagnosis.

Is arthritis incurable? What about the home remedies you hear about? Dr. Alvarez answers your questions in his booklet, "Arthritis and Rheumatism." You may obtain it by sending 25 cents and a stamped, self-addressed envelope with your request to Dr. Walter C. Alvarez, Dept. MMT, Box 957, Des Moines, Iowa 50304.



BELRINGER SALE

Pre-Christmas savings event!
SALE ENDS MONDAY DEC. 9th

BOYS' GIFT BUY

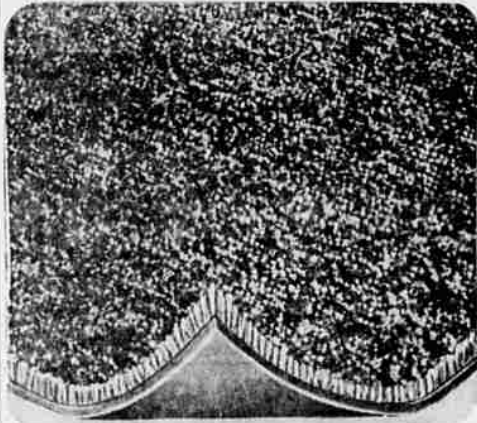


BRENT JR. WARM WASH 'N WEAR FLANNEL ROBES

2⁶⁶

REG. 2.98

A practical gift... at a money-saving price! Handsomely tailored robes of Sanforized* cotton flannel have double-shawl collar, 2 pockets, self fabric belt. Choose from rich plaids and prints with solid color trim. Cut full for freedom and comfort. 4 to 10. Hurry in! *Max. shrink. 1%



SAVE OVER \$10
9x12' NYLON PILE FOAM-BACK RUG

Practical, durable rug takes traffic in its stride. Rich colors remain clear, nylon pile stays springy. Needs no pad. 2 solids, 4 rich tweeds. Other sizes: 6x9' to 12x18'.

29⁸⁸

Reg. 39.95

NO MONEY DOWN

GIRLS SAVE 1.54



SLACK SET
STRETCH COTTON
BRIGHT PASTELS

4⁴⁴

REG. 5.98

What a way to say "Merry Christmas" to your favorite young tree-trimmer—give her a Miss Brent stretch cotton slack set. Coordinated top and bottom are both completely machine-washable, shape-keeping, too! In a range of holiday-bright pastels, 7 to 14.

See Wards complete girl's Chubby Fashion Line, 1961



SAVE 25% ON WOMEN'S BRIEFS

44c REG. 59c

Carol Brent savings gives you special value on runproof acetate tricot elastic leg briefs. Novelty trims. 34 to 42.



SAVE! WOMEN'S PLUSH SLIPPERS

2²⁴ REG. 2.99

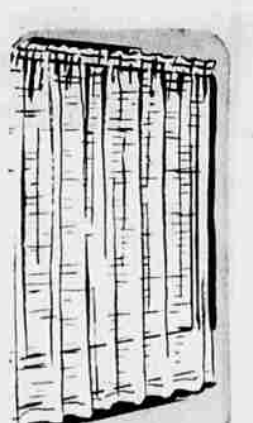
Fluff-soft bootee of luxury acetate plush. Cushiony cotton knit lining, rayon bow trim. Pastels. Sizes 4 to 9.



SAVE 2.10
WARDS BRENTSHIRE CARDIGAN
...THE BULKY LOOK IN ORLON*

6⁸⁸ REGULAR 8.98

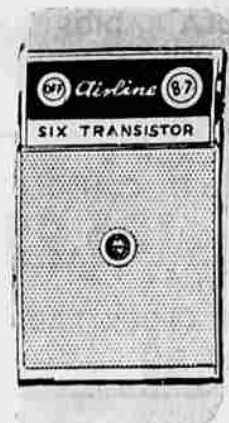
Sale-priced in time for your Christmas list! Wards own Brentshire cardigan has the wonderful bulky look that's THE look this year. Washable Orlon acrylic Sayelle*... white, black, beige, pink, light blue, turquoise. 34-44.



EXTRA WIDE NET WINDOW PANELS

1⁶⁴ REG. 2.29

Delicate rayon net panels in extra-wide 60x81". Permanent drip-dry Everlon® finish. Ivory white only.



SIX-TRANSISTOR PORTABLE RADIO

8⁷⁷

Reg. 9.95. Ideal Christmas stocking-stuffer! Great reception, tone! Green and white case; nicely gift-boxed.



4-SPEED AIRLINE TOP VALUE PORTABLE, PRICED LOW!

13⁸⁸

Good sound amplified through 4" speaker. Plays all size records; 45 RPM adaptor, single play, sapphire needle. On-Off-Volume control. Mist green. CHARGE IT!

Get a home improvement loan and R-E-L-A-X

It's simple and convenient to improve your home with a loan from The Oregon Bank—whether you have the work done for you or do it yourself. No down payment is required on loans up to \$3,500, and your loan is arranged in a matter of hours. Take up to 36 months to repay.

WE'RE EAGER TO SERVE YOU!

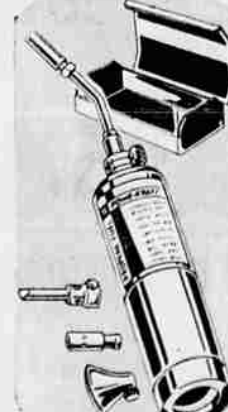
the oregon bank
PORTLAND
East Medford—701 E. Jackson St.
Rogue Valley—1109 Court St.
Member Federal Deposit Insurance Corp. and Federal Reserve System.



SPACE SAVING COMBINATION!

14⁴⁴ REG. 17.95

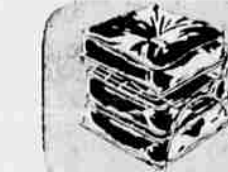
Signature electric can opener, knife sharpener combination. Stainless steel cutting wheel. Opens any size can.



7-PC. PROPANE TORCH KIT

6⁹⁵ REG. 8.95

One-hand operation! Metal case; tank; burner assembly with 2 tips; flame spreader; lighter; soldering tip.



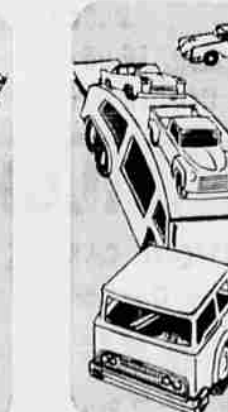
3 PILLOWS IN RACK!
Turquoise, white and tangerine vinyl. Brass-plated stand doubles as magazine rack! Great gift! **14.88**



DOLL CARRIAGE FOLDS TO STORE

2⁹⁸

Wards economy model has red vinyl body, pretty print canopy with sun visor. Flat steel



CROSS COUNTRY AUTO TRANSPORT

4⁸⁸

Deluxe! Rear ramp extends for loading 3 colorful metal cars. All steel, 29 1/2" long with ramp extended.



VISIT SANTA in Wards Toy Town

HE HAS A SURPRISE FOR EVERY BOY AND GIRL

117 S. CENTRAL 773-7301 Open 9:30 To 9 P.M. SATURDAY 'TIL 5:30