

Homesteading Memories Recalled

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who visited feared cougars, but none was ever seen.

The one danger was hunters each deer season. At that time it was necessary to confine the children to the cabins during the day. Hunters roamed the forests all around the little clearing, and shots were frequently quite close.

After three years the family returned to Klamath Falls for the birth of another son and to allow Margaret to enter public school. The homestead was not logged by the Swan family, but sold. Swan used the proceeds to develop his share of the farm near Merrill, where he built a stone house and had a dairy and alfalfa farm until 1917, when he left to become principal of Ashland High School.

Time Device Fashioned From Scraps

SEATTLE, Wash. (UPI)—Take a section of a 16-inch gun barrel from the scrapped battleship USS Colorado, mix in some household kerosene, a box of borax and 325 pounds of quicksilver, insert a couple of tubes and what do you have?

Well, if you're William Schell you have a "time machine." It's not a contraption like the one H. G. Wells imagined to transport man physically back into the past or forward to the future, but one to determine the age of things through a system known as the Carbon-14 process.

Schell, a graduate research assistant in chemistry at the University of Washington, has set up his apparatus in the basement of Bagley Hall on the campus.

It appears to be quite complicated, but the process is based on the simple theory that any carbon-C-14 can be dated by merely counting the radioactive material containing radioactive rays it emits. And scientists are convinced that plants, animals—even sea water—have been absorbing Carbon-14 on this earth for millions of years.

C-14 is formed in the upper atmosphere by the collision of cosmic particles with nitrogen. After a series of chemical changes as it falls to earth it winds up in plants, for instance, during photosynthesis, which is the process that produces carbohydrates and makes green plants green.

Because they know the nature of C-14, scientists can count its rate of radioactivity by comparing the C-14 in old material with that in new and, using a precalculated scale, can determine the age of the old material.

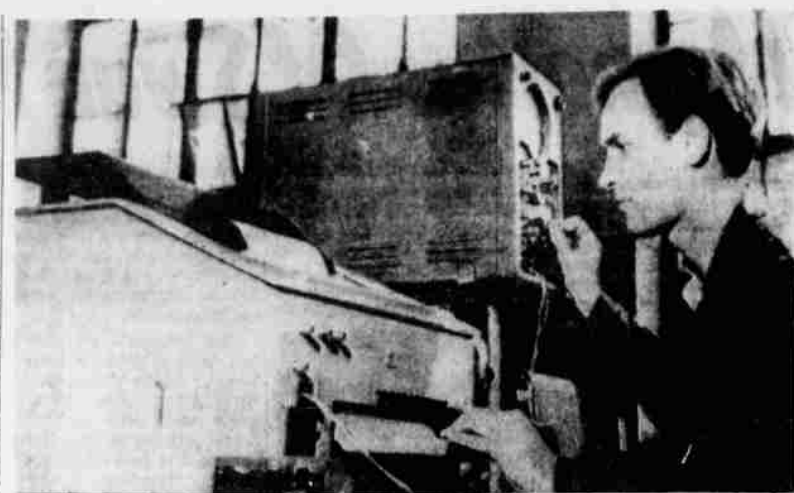
The problem is constructing an accurate counter. And that's where the Colorado's cannon comes in.

A pure steel housing was needed to protect Schell's counter from ever-present outside radioactivity. But modern steel is made in a process involving radioactive Cobalt-60. However, the gun barrels of the Colorado were forged before the new method was used and this is just what Schell needed.

entire family. It was a way of living, not the desperate attempt to obtain a livelihood that characterized the experiences of many homesteaders. Nevertheless, it is another example of the symbol of the West, the American's belief in the land of America.

Swan was an educator and farmer. His interest turned to the more promising form of farming, the land at Merrill, fertile with moisture controlled by the reclamation project. Later his land at Merrill was traded for river-bottom soil near Junction City, where he was a pioneer in the raising and irrigation of pole beans for the Eugene Fruit Growers.

After retiring from the educational world, he and Mrs. Swan lived on the Junction City farm. After Mrs. Swan's death, he later married Mrs. Rachel Applegate Good, a Latin teacher in the Klamath Falls High School. Rachel survived him, and continued the operation of the farm until her death in 1935.



HOT LINE READIED—Soviet technician V. A. Novikov is shown inspecting telegraph equipment, part of "hot line" communication system to be installed for use by the Soviet Premier and President Kennedy, which is being sent to Washington.

Diplomats Hope 'Hot Line' Will Avert Nuclear Threat

WASHINGTON (UPI)—Diplomats here hope that a ridiculous small expenditure the United States is now making—around \$32,000—will some day avert nuclear war.

This is about what it will cost the U. S. government to install its half of the so-called "hot line" between Washington and Moscow, which will open soon, perhaps by Sept. 1.

The line will put President Kennedy and Soviet Premier Nikita Khrushchev in almost instant communication. It is to be used only in times of grave crisis, to avoid misunderstanding which could lead to war.

The need for it became starkly apparent during last October's crisis over Soviet missiles in Cuba. With their defense establishments on nuclear alert, both leaders found they could not exchange messages fast enough through the usual diplomatic channels.

Both at times resorted to saying what they had to say in public statements to be transmitted by United Press International and other news agencies. At one point Defense Department sent instructions to U. S. fleet units in the Caribbean "en clair"—that is, without using codes—so Russia would not misinterpret movements of vessels.

At each end will be teleprinter machines equipped with devices for automatic encoding and decoding. U. S.-Soviet negotiators considered making it a telephone circuit but rejected this on grounds voice messages might be more open to misunderstanding than written ones.



CRUDE BUT COMFY—This cabin at Aspen Lake where the John G. Swan family homesteaded, was built for Auntie Olive Carleton, who also homesteaded in 1910. Miss Carleton was a nurse living in Albany who filed on the land adjoining the Swan land. Hand-hewn shakes covered the cabin walls and roof.

Fighting Priest Is Waging Battle To Save Alcoholics

WASHINGTON (UPI)—A fighting priest whose job is reforming alcoholics says the government has told him to keep his drunks out of interstate commerce or sober them up under the federal minimum wage law.

The priest is Msgr. William N. Wall, who heads the Mount Carmel Center and Hospital for Alcoholics in Paterson, N.J.

His charge against the government: It's guilty of a "reactionary, nonsensical attitude that will assure this nation of a skid row in every city from New York's

Bowery to San Francisco's Market Street."

The government's answer: The law is the law, and must be enforced.

The monsignor's rebuttal: This is "totally Censor's law, and none of God's law. This is bureaucracy at its worst...I cannot, on moral grounds, have any part of it."

The thing that brought on the collision was the minimum wage law and its application to the monsignor's home for alcoholics. Simply put, the Labor Department said the monsignor must pay his alcoholics the \$1.15 minimum wage if this work brings them into interstate commerce.

The Labor Department said, however, he may accept a designation as a "sheltered workshop" for handicapped people since his alcoholic center falls in a special category. This would exempt him from the provisions of the wage law.

The monsignor told UPI he couldn't accept either choice. "The first one could very well put me out of the business of rehabilitating alcoholics," he said in an interview. "The center couldn't afford it."

And in a letter to the Labor Department, he said he might be forced "to call in the city, county and state relief people and enroll every last one of these alcoholics. This way, they can get relief, but no work; they can get money but no sobriety; they can get food and booze, but not God's grace."

The monsignor's objection to the department's second choice is both moral and medical. He said his center is not a shelter, nor are the alcoholics handicapped. He added:

"Jails are shelters, mental institutions are shelters, flophouses are shelters...alcoholics need not shelter, but hope; not shelter, but compassion; not shelter, but love and understanding."

As for an alcoholic being handicapped, the monsignor says it isn't so. Sick, yes, handicapped, no. This designation "may be expedient and administratively efficient—but it is guaranteed to maintain the role of the social outcast for addicted alcoholics," he declared.

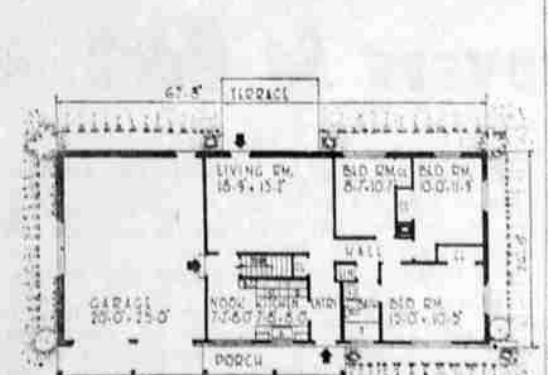
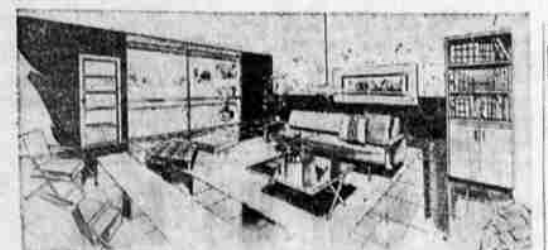


ALCOHOLIC BATTLE—Msgr. William N. Wall, director of Mt. Carmel Center for Alcoholism in Paterson, N.J., is shown in a recent file photo. He is currently in a dispute with the Labor Department which has decreed he must pay the drunks \$1.15 an hour while they are being rehabilitated.

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Rectangular Plan Found Best For Reduced Costs

A rectangular plan is desirable because it reduces your construction costs. This one is divided into three parts: Double garage is one section; living and service section comprises the center portion with the sleeping wing occupying the balance of the home.

Entry hall ties in all rooms for easy traffic circulation.

Living room has private rear location and features vented picture window, French door to terrace and extensive wall areas for easy furniture placement.

Open shelves above stub wall containing storage space are near the entry hall.

Kitchen and large dining nook face the street, with sliding doors between living area and hall, plus

Bicycles Need Maintenance For Long Life

By MR. FIX
Newspaper Enterprise Assn.

While the bicycle is not a national means of transportation as it is in other countries, there are plenty of them in our nation. Most youngsters have them and in recent years adults have been making increased use of them for recreation.

A bike will last a long time with frequent inspection and minor maintenance you can do yourself. Major repairs are best left to a repairman, especially those involving the brakes.

However, cleaning and oiling moving parts, adjusting chain, pedals and some of the bearings are simple enough tasks.

Clean Up
Keeping a bike clean and dry is also important. Wipe off all

exposed parts that become wet or muddy.

With a screw driver and a few wrenches, you can handle nearly all adjustments.

Make certain that saddle bolts are kept tight. The bolt that holds



THEN SOAK IN LUBRICATING OIL

the handle bars in place should be checked often, too.

Chains often fill up with mud. Individual links may show wear. It may not be necessary to replace the entire chain since individual links are available, in most cases.

It's a Snap
You needn't remove the rear wheel on some models to take the chain off. Look for a link that snaps open. It has a cover plate

that is removable. To clean the chain, place it in a pan of kerosene and allow to stand for several hours in some outdoor place. Then give it a soaking in lubricating oil.

You can adjust the tension of the chain by means of a chain adjusting screw that moves the rear wheel. The chain should sag about one-half inch, no more.

Keep pedals tightened. Lubricate the pedal bearings frequently. Occasionally you may want to overhaul the entire crank assembly on which the pedals are fastened.

Start by removing the pedal opposite the sprocket. Lay out parts in the order in which you remove them. Clean in kerosene and then lubricate. Inspect for worn or missing bearings.

Looseness sometimes develops in the fork assembly. Remove the handle bars, then unscrew the locknut, cone and washers and examine the bearings.

Out of Line
If wheels are out of line, tires will wear quickly. Keep axle nuts tight. The adjusting cone just inside the wheel nut should be adjusted so that there is no play, but the wheel should turn freely.

You can clean the wheel bearings by loosening the cone, squirting kerosene into the bearings. Rotate the wheel so that the kerosene gets out all the dirt. Then lubricate and tighten.

ings by loosening the cone, squirting kerosene into the bearings. Rotate the wheel so that the kerosene gets out all the dirt. Then lubricate and tighten.

Check tire pressure frequently. The correct pressure is molded into the side of the tire.

A spoke wrench is a small, inexpensive tool that you can pick up in most bike shops. With it you can keep the spokes at uniform tension and keep the rim in good condition. Slide the wrench over the spoke end near the rim and turn gently.

'Defenders' Commended

The Los Angeles City Council unanimously adopted a resolution last week commending "The Defenders" seen Saturdays on the CBS Television Network (8:30-9:30 p.m., PDT).

The resolution, introduced by Councilwoman Rosalind W. Wyman, read, in part:

"Whereas 'The Defenders' has seriously and honestly portrayed vital issues of human freedom in the courtroom, thereby making a real and substantial contribution to the understanding and appreciation of our Bill of Rights and our Constitution; and

"Whereas 'The Defenders' has brought pressing and significant social issues to the attention of the people of our city and the nation through the dramatic ability of E. G. Marshall and Robert Reed under the direction of author Reginald Rose and executive producer Herbert Brodsky;

"Now therefore be it resolved that this city council does hereby tender its commendation to the American Jewish Congress and 'The Defenders' for outstanding contributions to our American heritage and present this resolution as an expression of esteem."

Robert Reed, in Los Angeles on a vacation, accepted the resolution on behalf of the program.

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Once upon a time, repairing furniture took considerable skill and experience. Today, thanks to the many new products available, glue that works like magic and simplified directions that take the mystery out of even difficult jobs, everyone can expect professional results.

A new handbook, "How to Repair & Repolish Furniture," now tells how to apply first aid to loose, strained or broken furniture joints, broken springs, torn webbing and just about every operation required to repair and repolish furniture.

Directions tell how to remove upholstery fabric, springs, tie strings, padding, webbing, etc., how to glue joints, replace broken or bent springs, retie springs, install new webbing, replace with complete spring assemblies where needed or repair with foam rubber. It tells what tools, needles and materials are needed, where, when and how each is used.

The next time you sit down in your favorite chair, and hear or feel something give, don't be alarmed. Remember inanimate objects, like people, have a life span that's sometimes marred by accident. When you know how to apply first aid to furniture, you'll not only double and triple its life span, but also help yourself to pleasant and productive hours of complete relaxation when you accomplish something you have never done before.

Send 50 cents in coin, check or money order for Home Improvement Book No. 623 How to Repair & Repolish Furniture

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