

### Gold-Plated Bricks Just Around Corner

Newark, N.J. — (Science Service) — Gold-plated metals, plastics, and glazed bricks and tiles may soon become a common sight in all walks of life. Gold-plated lead bricks have, of course, been available through the "confidence industry" for many years.

Hanovia Liquid Gold here has developed four new gold-bearing organic compounds which decompose at lower temperatures than those previously available. These are gold tertiary butyl, tertiary dodecyl, tertiary octyl, and tertiary hexadecyl mercaptides, and are already industrially available in various formulations.

The solution is applied to the prepared surface and the object is then heated in an oven, or under infrared lamps, to decompose the organic matter. The required temperatures range from about 450 degrees Fahrenheit in the case of plastics, to as high as 1,500 degrees from some enamels on stainless steel. There remains on cooling a thin film of gold, perhaps only a millilith of an inch in thickness. The cost of the process giving a film of this thickness is about 10 cents a square foot.

Not only will this process be used for decorative purposes, but, due to the excellent heat-reflecting properties of gold, it will also be used in protecting some metal components of missiles and high speed jet planes.

### FORESIGHT

West Hartford, Conn. (UPI) — During a snowstorm, a thief broke into a store and swiped some skidiving equipment.



**HELD FOR HEARING** — Beverly Aadland, 17-year-old would-be actress, is shown as she appeared in court in Hollywood, Calif., during an investigation into the death of her boy friend, William Stanciu. Miss Aadland, who first said Stanciu committed suicide, later changed her story to say that the gun went off as they playfully struggled for it as they lay nude on her bed in Miss Aadland's apartment. The court ordered Miss Aadland held for a hearing on May 2 after police charged that she is a "sex delinquent" and lacked parental supervision. (UPI Telephoto)

### FOUND STORAGE SPACE

A dust-tight, covered steel drawer that attaches under a bed can turn waste space into valuable storage. The drawers are ideal for handy storage of many items.

### "PACKAGED" SHOWER

No room for a tub in that extra bath? A "packaged" steel shower cabinet is the answer. A space as small as 32x32 inches will fit the sturdy, leak-proof cabinets.

### 26 Million Polio Doses Available; Warning Issued

Washington — (Science Service) — There are more than 26 million doses of polio vaccine now on hand for the more than 90 million Americans who remain unvaccinated, Dr. Leroy E. Burney, surgeon general of the U.S. Public Health Service, has reported.

"Every year, for the past four years, there has been a surplus of vaccine in the spring and winter followed by a shortage in the summer when the occurrence of polio cases reminds people they should get vaccinated," Dr. Burney said.

### Must Understand Facts

He suggested that the problem can be solved only when the public understands the following facts:

1. The vaccine is most effective if used before polio becomes prevalent; the sooner you get vaccinated the greater will be your protection against polio this season.
2. The vaccine manufacturing process takes about four months; if demand for vaccine is low now, supplies are likely to be low in the summer, since the present supply may be outdated by then.
3. It is the third shot, due seven or more months after the first two that gives the greatest protection. A fourth shot a year after the third adds even greater protection.

### Prime Victims

Most polio epidemics now start in neighborhoods where there are concentrations of unvaccinated people. Infants and children under five years of age are prime victims in such areas. They have accounted for almost half of the paralytic cases that have oc-

### Chromatography To Detect Arson

Cleveland — (Science Service) — Gas chromatography now can be used to identify materials suspected of having been used by arsonists to start fires. W. J. Cadman of the Orange County sheriff's office, Santa Ana Calif., and Theron Johns of Beckman Instruments, Pasadena, Calif., told the American Chemical society meeting here that materials used to accelerate a fire may sometimes be identified after separation by distillation, extraction or other methods.

However, these "accelerators" are often so altered by the loss of their more volatile constituents, the addition of outside impurities, or chemical change in the heat of the fire that these methods are no longer effective.

Gas chromatography, a method of separating gases according to their different rates of flow through narrow tubes, now provides a valuable new weapon in the fight against arson.

### 101ST BIRTHDAY

Asheville, N.C. — (UPI) — Dr. Marion C. Millender, oldest living alumnus of the University of North Carolina, Wednesday celebrated his 101st birthday. As long as the blood vessels hold up, he told relatives, "a man should go on living unless he gets killed by an automobile."

Occurred in the past two years. "About 5 million children in this age group have not had any polio vaccine and another 5 million have had only one or two injections. Thus about half of the nation's youngest and most vulnerable children still lack optimum protection against a disease that may cripple them for life," Dr. Burney warned.

### Tiredness May Mean Physical Illness

Ottawa, Canada, (Science Service) — If a patient's main complaint is tiredness, he is probably physically ill, rather than just worn out.

Dr. Geoffrey French of Oakville, Ontario, Canada, studied 1,200 patients, 105 of whom listed tiredness as the first or second most important reason for reporting to the doctor. Physical examinations revealed that 25 per cent of the tired patients were anxious or tense, but had no actual physical illness.

The other 75 per cent had diseases and dysfunctions ranging from alcoholic gastritis to leukemia and pneumonia. A person with thyroid deficiency was most likely to report tiredness, and anemia patients came second. Heart disease, lung cancer and infectious mononucleosis also frequently resulted in complaints of fatigue.

Dr. French also noted that in cases of endocrine dysfunction, such as diabetes mellitus, the patient could be tired when the gland was functioning too little or too much.

Details of the research are reported in the current Journal of the Canadian Medical association.

### Display of British Goods Set for NY

New York — (UPI) — The most comprehensive display of British goods ever seen outside Britain will be exhibited at New York coliseum June 10-26.

The importance to Britain of the exhibition is underscored by the willingness of Queen Elizabeth II and President Eisenhower to serve as its official patrons.

Britain already is the largest exporter to the U.S., selling more than \$1 billion in 1959. But the British are determined to raise this total and increase the number of items they sell to Americans.

Aluminum Fences Urged for Roads

Davenport, Ia. — State governments as well as his own industry would benefit, says Frank R. Nichols, if aluminum chain-link fences were installed along the U.S. superhighway system now being built.

Nichols, who is president of the Nichols Wire and Aluminum Co. here pointed out that while the federal government is paying 90 per cent of all construction costs, the states will have to pay 100 per cent of the maintenance bills.

Aluminum fences would reduce these bills, Nichols said, because they would not rust and would need no painting.

### Prescription Forger Makes One Mistake

Jersey City, N.J. — Thomas Williams, 33-year-old laborer, pleaded guilty of forging a narcotics prescription after making a fundamental error.

A druggist said he became suspicious because the doctor's signature was too easy to read.

### MISSING SOMETHING

Texas City, Tex. (UPI) — Mrs. J. C. Hyett and her son found they were driving a hot car the other day. It wasn't stolen. Somebody had removed the radiator while the auto was parked during a high school basketball game.

### POPULATION GAIN

Cleveland — The population of Ohio increased by 400 per cent between 1800 and 1810.

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