

## Giant Brain Can Do Any Math Exercise

By HERB ALTSCHULL

Philadelphia, Aug. 24 (AP)—The long-dreamed-of-day of the thinking machine may be nearer than you imagine.

Scientists have invented an electrical monster that can perform any mathematical exercises and can memorize more than 500 numbers.

This giant brain, using wires and coils instead of nerves and blood cells, is known as the binac. It is the second electronic brain created by J. Presper Eckert, Jr., 30, and John W. Mauchly, 42, former University of Pennsylvania physicists.

Details of the binac were disclosed yesterday for the first time. Eckert and Mauchly put the machine through a test run in which it did 500,000 additions and 200,000 multiplications in two hours.

A man working with an adding machine would have taken years to do the same computing.

Eckert said it isn't true that the machine can think right now. But in the future?

"We don't know that it's impossible for these machines to think," said Eckert.

Binac's predecessor was known as the eniac. It performed very much like binac, but it is 30 times bigger and can't operate as fast. Eniac weighs 30 tons, binac less than one.

Eckert and Mauchly now are at work on their third automatic computer. That one will be called the univac and it will be far superior to either of the others.

Univac will be able to do almost anything. The first two univacs produced will play each other a game of chess. Eckert said they may even be able to write music.

After univac, what? Eckert was asked whether the day will come when each of us has a mechanical man at his beck and call to do his thinking for him?

"That's a distinct possibility," the serious-minded young scien-

## Polk County Girl Suspected of Polio

Dallas, Aug. 24—Joan Orton, 4½-year-old daughter of Mr. and Mrs. G. L. Orton of North Dallas, was taken to the Doernbecher hospital, Portland, Monday for observation immediately after the family physician stated that there is a possibility that the child has poliomyelitis.

Mrs. Orton stated that she and her husband took the girl to the doctor when she complained of feeling ill and was unable to stand alone.

Diagnosis to determine definitely whether the case is poliomyelitis will not be completed until Wednesday or Thursday.

No other cases of infantile paralysis have been reported to the Polk county health department, although several have been sent to Portland for observation recently. In each case it was found to be something other than polio.

Mr. and Mrs. Orton have two other children, Florence, 5½, and Billy, 1½.

### Guests Schendel Home

Liberty—Mr. and Mrs. Walter Schendel and family on Rt. 9, had as guests for dinner, Mr. and Mrs. James Hill, Jimmy, Vivian, Juanita and Carolyn. Dropping in for the afternoon were Mr. and Mrs. Paul Free, and Paula of Corvallis, and Mr. and Mrs. John Turner, Charles, Roberta and Ann.

Mr. Schendel asserted, "At the moment, any problem that can be translated into mathematical terms can be solved by the machines."



**A Case of Too Much Gasoline**—Joseph Featherstone, 8, is swathed in bandages at Swedish Covenant hospital after he suffered second degree burns from holding a lighted match to look into the gas tank of an abandoned truck near his home while playing with cousin, Gary Long, 5 (left). Gasoline fumes ignited, burned his clothing, and a neighbor beat out the flames. Nurse is Dolores Gonzales. Motorists are having trouble getting gasoline in Chicago because of a strike of gasoline truck drivers who service retail outlets. (AP Wirephoto)

## Shoveling Isn't Too Bad at Times

Savanna, Okla. (AP)—Frank Putnam figures being on the business end of a shovel isn't too bad if—

"A car ran over a cat," his wife told him the other night. "Will you get a shovel and bury it?"

Putnam did. "There's a dead dog out in the road," the missus said the following night. "Will you get . . ."

Putnam did. But he rebelled when it happened the third night. This time he said, it was a job for the highway department.

"I'd be all night," Putnam said, "digging a hole for that mule."

## HOUSEWIFE TO GAMBLING ADDICT

### Cure Is No Substitute For Craving for Cards

Long Beach, Calif., Aug. 24 (AP)—Take it from Sula Bell Stimson, gambling grandmother of Gardena, glutamic acid is no substitute for poker.

Mrs. Stimson, 49, has been undergoing medical treatment under court order to curb her craving for cards. She had undergone a personality change from a normal housewife to a gambling addict.

Two months ago the treatment was pronounced 40 per cent effective by Dr. Marcus Crahan, county jail physician, and the woman was released to her family. Monday she was in court again on the same old charge — passing worthless checks to finance her gambling in nearby Gardena, where poker is legal.

Superior Judge Fred Miller continued the case for a week while he talks it over with Dr. Crahan. It was Crahan who originally suggested glutamic acid might restore the housewife's normal personality.

The gray-haired woman asked the court to "restore the shots" and added that it was due to her own neglect that they hadn't been continued after her release on probation.

Glutamic acid, a protein brain food, was given to her by Dr. Crahan "to restore her sense of responsibility."

It ends to make up for deficiencies in the cranial system

## College and Academy Doors Opening Soon

Mt. Angel—Mt. Angel Women's college and Mt. Angel academy will open the new scholastic year with registration on September 4, 5, 11, 13 and with regular classes on Wednesday, September 14.

Registration dates for day students for both institutions will be Sunday, September 4, after 10 a.m. and Monday evening, September 5, from 7 to 9 p.m. Resident students will be registered on Sunday and Monday, September 11 and 13, at which time no day students will be served.

Mt. Angel Women's college offers a bachelor's degree in elementary education after the four years' course, as also the regular teacher's certificate for a three-year teacher training course. Lower division liberal arts courses are also offered.

and has been used with some success in cases similar to Mrs. Stimson's.

## September Month for Pasture Planting

Fall planted pastures for next year's feed supply will be most satisfactory if planted early. September is accepted as the time to seed most pastures this fall.

If the longer grasses and legumes can grow and develop roots this fall, the better they will stand the cold freezing days in winter.

Commercial fertilizers applied just before or at seeding time are good. Ben A. Newell, county extension agent recommends at least 100 pounds of 16-20 Amo-phos per acre or 100 or

more pounds of super phosphate or its equal and at least 20 pounds of actual nitrogen per acre.

Nitrogen will stimulate rapid growth, says Newell, and phosphate will promote winter hardiness.

Cuba's domestic excise tax on manufacturing tobacco is causing many Cubans to switch to cigars.

# HAVE SOMETHING

# New for fall...

*The big clean-up sale is over, and are we glad . . . for now we can refill all those shelves and racks with some of the most stylish, carefully designed, quality-looking merchandise we've been able to find in years and years. Unpacking it has been fun and excitement. Just drop in tomorrow while you're downtown and you'll see . . . Price's have something really new for you for Fall.*

**• Shoes**

Just arrived, new styles, patterns and colors in the finest leathers. We now have the new imported leathers from Europe that have been so scarce for a few years, at very moderate prices, considering quality. Formerly \$18.95 to \$29.95. Now . . . **\$12.95 to \$19.95**

**• Ready to Wear**

Each express delivery brings new things in our ready to wear department. Dresses, coats, suits, blouses, slacks, sports jackets, formals and everything in the ready to wear line. Come in and see them, as this is the finest showing since the beginning of the war. All properly priced.

**• Shoes**

Featuring Selby, Rice O'Neill, Mademoiselle, Joyce and a new line, Marshall, Meadows and Stewart, which is causing a great deal of comment. Ask to see them. All at the new low prices.

**• Millinery**

We are now ready to show new fall hats. Exclusive styles shown only at Price's. Come in now and select your hat for the Fall season. Moderately priced.

**• Sapphire Hose**

We now introduce this famous line of exclusive nylon hose in short, medium and long for a perfect fit. **\$1.75 \$1.95 to \$2.50**

**• Around the Clock Hose**

We now have a complete stock of this exclusive line of fine hosiery, sold only in the better stores **\$1.50 and \$1.95** at the very low price of . . .

**• Umbrellas**

Just arrived, the most beautiful line of fine umbrellas on the coast. All colors and styles. Ranging in price from **\$4.95 to \$16.95** Be sure and see them.

**• Costume Jewelry**

Necklaces, bracelets, earrings, beads, pearls and every type of fine jewelry sold as low as . . . **\$1.95**

**• Lucien Lelong**

We are exclusive distributors for this famous line, which is complete in every sense of the word. Be sure and supply your needs while the stock is complete.

**Notice—**

**We Now Feature**

the famous PENDLETON line of women's jackets, slacks and skirts. Exclusive at Price's.

**P. S.**

**Visit Price's Beauty Salon**

Make your appointments in advance. Finest beauty work in Salem. Be sure and arrange your time as the appointments are limited. Vivian Enyart, owner and operator. Phone 3-5859. Located at 125 North Liberty Street, Salem, Oregon.