#### Giant Brain Can Do Any Math Exercise

By HERB ALTSCHULL

Philadelphia, Aug. 24 (P)—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

and coils instead of nerves and blood cells, is known as the bings. It is the

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 closed 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 addition with the machine through a test run in which it did 500,000 sdditions and 200,000 multiplications in two hours.

A man working with an addition which is a specific to the husband took the girl to the husband took the girl to the

tions 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.

the child has pollomyelitis.

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 pollomyelitis will not be completed until Wednesday or Thursday.

No other cases of infantile

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

Guests Schendel Home
Liberty—Mr. and Mrs. Wal-

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 list asserted. "At the moment

has a mechanical man at his beck and call to do his thinking for him?

"That's a distinct possibility," lated into mathematical terms the serious-minded young science 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

#### Shoveling Isn't Too Bad at Times

Savanna, Okla. (P)—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 . . ."

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

HOUSEWIFE TO GAMBLING ADDICT

### **Cure Is No Substitute** For Craving for Cards

Long Beach, Calif., Aug. 24 (P).—Take it from Sula Bell Stim-m, gambling grandmother of Gardena, glutamic acid is no sub-

Mrs. Stimson, 49, has been undergoing medical treatment under court order to curb her eraving for cards. She had undergone a personality change from a nor-s-

personality change from a normal housewife to a gambling addiet.

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.

College and Academy all 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 pounds of 16-20 September 14.

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

Be sure it's

**PURE CANE** 

September 14. 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 house-wifes' normal personality.

The gray-haired woman asked the court to "restore the shote" served. Registration dates for day

course. Lower division liberal

responsibility."

It ends to make up for defi-ciencies in the cranial system Stimson's.

Be sure

with GodH

SUGAR E

Capital Journal, Salem, Ore., Wednesday, Aug. 24, 1949-15

# Pasture Planting

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

September Month for or its equal and at least 20 pounds of actual nitrogen per acre.

Nitrogen will stimulate rapid growth, says Newell and phos-

Cuba's domestic excise tax on manufacturing tobacco is caus-ing many Cubans to switch to







COMPACT TANK TYPE

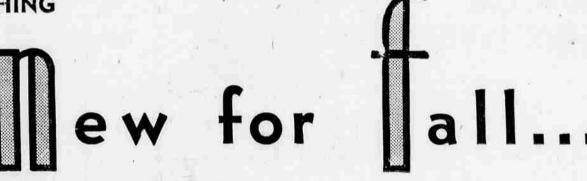
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