



Indian Chief in Germany—"Good Sun," Apache chief, is made up for his role in "Winnetou," Indian story by German poet Karl May, played by Munich actors in Bavaria.

MAKES HUMANS LOOK SILLY New Wizard Brain Gets Answers in Fraction of Time

By PAUL F. ELLIS

Cambridge, Mass., Sept. 14 (AP)—Harvard university today introduced a new electronic brain, its "fastest and smartest."

The new "wizard" is known as Mark III, and is two times faster than its companion, Mark II. It can solve mathematical problems in a fraction of a second whereas a human being would require days, years or perhaps centuries to work out the same problem.

Harvard scientists showed the new "brain" to a gathering of scientists who opened a four-day symposium here on electronic and mechanical computing machines.

The Mark III combines both electronics and mechanics in its operation. It has a new type "memory" system that is capable of storing 64,000 digits and leading the computing part of the machine through a complex mathematical problem of 4,000 steps.

The scientists said the memory system consists of eight storage drums and a sequencing drum.

In all, the new machine weighs ten tons. It is about 30 feet long and 15 feet wide.

Problems to be solved are fed, or punched, on a magnetic tape to the sequencing drum which in turn "commands" the

computing section to accomplish the desired operations with the numbers in the storage drum. The results, the scientists explained, then come out of the machine on another magnetic tape.

The nine drums are busy places. They can receive more than 4,000 16-digit numbers, plus 4,000 "commands" for carrying out the various operations of the machine. Of course, a human brain unconsciously probably gives out more than 4,000 commands during any 24 hours.

However, the computing sections of the machine that carries out the commands can multiply two 16-digit numbers in a fraction over twelve-thousandths of a second.

Try that on your human brain. It can also add these figures in one-third that time.

The Mark III still has another feature. It has a specially de-

Labor Reports Quiet in Linn

Lebanon—A static situation in job opportunities prevailed during the past month in the eastern Linn county area, reports the Lebanon office of the state employment service.

Most logging and sawmill establishments in the area maintained steady operations during the month but no sign of accelerated production was in evidence. Low turnover in personnel was partially responsible for the lack of openings received through the local office.

The harvesting of snap beans was the principal farm labor activity during the month and provided 1800 persons with employment at the peak of the harvest. This harvest was virtually completed on September 10 and demand for seasonal farm workers is rapidly decreasing.

The unemployment estimate for the end of August for the Lebanon-Sweet Home area was placed at 750. This is a decrease of 115 from the July total and is based to a large extent on the drop of 240 in the number of those claiming benefits the last week in August, as compared with the July figure.

From some quarters the opinion exists that lumber market conditions have leveled off but employers continue to be reluctant to forecast future lumber market developments.



Fashioned for School—This sport ensemble modeled by a Miss schooled in fashion, Actress Elizabeth Taylor, would make even the most reluctant student want to hurry back to school. The two-piece Koret dress of pale yellow wool features corded detail bands on the jacket as well as on the patch pockets of the skirt. (Acme Telephoto)

Vaneks Take Lease Over Liberty Store

Liberty—Mr. and Mrs. Joe Vanek have assumed the lease of the Liberty store from Mr. and Mrs. Edwin Just, and took over the managing of it Monday.

Mr. and Mrs. Vanek and family moved here three and a half years ago from Milwaukee, Wis., and have lived in this community ever since. The Vanek family has moved in to the living quarters at the rear of the store, and Mr. and Mrs. Just have rented the Vanek home on route 9.

Falls City — Mrs. Lela Ramsey, president of the Rebekah assembly of Oregon paid her official visit to Magnolia Rebekah lodge No. 140. The following candidates were initiated that evening: Mrs. Anna A. Rich, Mrs. Lois Hatcher and Mr. Mac Hatcher. For a gift the lodge gave her a pair of nylons.

State Liquormen Strike Settled

Seattle, Sept. 14 (AP)—Striking CIO warehousemen today voted to return to work at the Washington state liquor warehouse after state officials agreed not to discriminate against workers who participated in the walkout.

William Gettings, regional chief of the International Longshoremen's and Warehousemen's union, said the men would return to their jobs today.

"A union committee and representatives of the state liquor control board will meet and attempt to work out all grievances," Gettings said.

Announcement of the seven-day walkout came as liquor supplies throughout Seattle were rapidly dwindling.

The warehouse employees went out on strike when the liquor board discharged a senior employee.

The state liquor board had hired 10 non-union men to unload railroad cars at the warehouse, but was unable to find any solution for the redistribution problem.

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