# FRIDAY, FEB, 12, 1982

# TEN-YEAR BATTERY DEVELOPED BY TEL AVIV UNIVERSITY

BY ELISSA ALLERHAND

A new battery has been developed by Tel Aviv University's Dr. Emanuel Peled and Herzl Yamin which can be used for a period of up to ten years; is 50 - 100% higher in energy density per today's weight than long - term batteries, and thus more compact; and is cheaper to construct. The new battery, the only one in the world to combine lithium and sulphur, which one of the yields highest densities energy possible, can thus be smaller than existing batteries and yield same energy the levels.

The new battery should be useful for a wide range of purprimarily in poses, appliances and instruments that require long - term, low power, such as: pacemakers, calculators, electronic watches, and smoke detectors; safeguarding the memory of microcomputers for industrial, commercial, scientific, and household uses, in which the memory can be lost by a power failure; longdistance, inaccessible instrumentation in which batteries cannot be replaced, such as for military purposes. The battery of highest energy denlong - term sity and use on the market the lithium/ today, tionyl chloride battery, is more expenconstruct, sive to technologically is more difficult toproduce, and the chem-

icals are more corrosive and require

simpler to

at Tel Aviv

transistor/

a glass seal; whereas

the new battery fea-

tures chemicals that

with and technologi-

produce for mass

production, and can be

sealed with a plastic

seal. Unlike existing

long - term batteries,

the new battery de-

potentially rechargeable. The common, short

are easier to

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continuous

University is

LAS VEGAS ISRAELITE

work

also

# FAREWELL TO AMBASSADOR EVRON

PAGE ELEVEN

flashlight - type bat-SHALOM, EPPIE! AT A FAREWELL LUNCHEON IN NEW YORK. ovide only ISRAEL'S RETIRING AMBASSADOR TO THE UNITED STATES, EP-the energy HRAIM EVRON, RECEIVES A SCULPTURE OF ISAIAH FROM THE weight of SCULPTOR, CHAIM GROSS. MRS. EVRON STANDS NEXT TO HER ium - sul-HUSBAND, CENTER, YEHUDA HELLMAN, EXECUTIVE DIRECTOR heir maxi-OF THE CONFERENCE OF PRESIDENTS OF MAJOR AMERICAN life or JEWISH ORGANIZATIONS, WHICH SPONSORED THE EVENT, RIGHT, operation HOWARD M. SQUADRON, CHAIRMAN OF THE PRESIDENTS CONteries provide only about 12% of the energy capacity per weight of the new lithium - sulphur cell. Their maxitime is only two years. FERENCE.

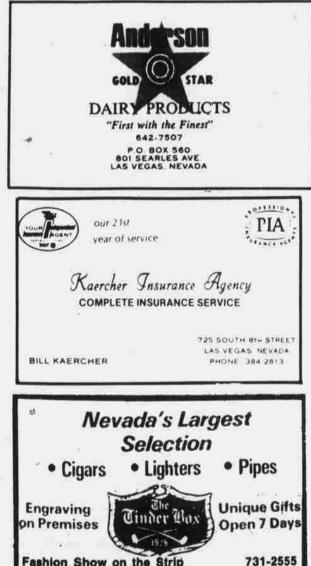
#### BANS NEO-NAZIS GERMANY W.

BONN (WNS) -- West German authorities banned a neo - Nazi group because it aimed in "a conscious and desired effort" to revive Hitler's program, according to a report here. The crackdown on the People's Socialist Movement of Germany - Labor Party and its youth sec-tion, the Young Front, came in a series of raids in West Berlin, Bavaria, Baden Wu-

erttemberg, Hesse and Lower Saxony, the authorities said.

Hundreds of rounds of ammunition, Nazi like flags, swastikas, portraits of Hitler and neo - Nazi material were seized. Some of the literature was thought to have been sent here from Am-erican neo - NaziGary Lauck, who operates from Lincoln, Nebras-

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