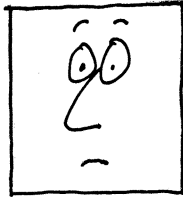
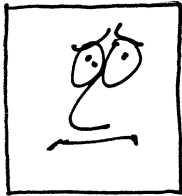


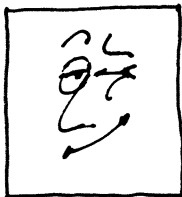
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FROM AUSTRALIA

Doctor Drain: 30 of 34

A senior medical teacher describes the loss of talent from Australian hospitals to the United States as tragic. He calls for Government action against the drain.

In the annual report of Prince Henry's Hospital, Melbourne, the dean of the clinical school, Dr. H. W. Garklick, says: "It would be a tragedy if the money and effort spent in producing medical graduates in Victoria were lost by these young men and women going to the United States because of lack of training facilities.

"This very serious situation has been made abundantly clear to the Government and we can but hope that appropriate action will be taken before it is too late.

"Of the 34 final-year students at Prince Henry's hospital this year, 30 have entered for the qualifying examination to practice in the United States."

FROM U.S.S.R.

Russians Researching Laser Computers

Aware of their deficiencies in data processing, the Soviet Union is ploughing plenty of effort into the new techniques to develop a world selling item — memories using semiconductor lasers.

The heat dissipation problem associated with these devices is gradually being overcome at the Lebedev Institute in Moscow, where most of the research is carried out.

They claim to have surpassed the 80 percent efficiency level and are now striving for 100 percent. They also claim to have developed all the hardware for a laser computer, but are not prepared to demonstrate a working model yet.

Dr. V. K. Nikitin at the Institute is continuing the work on semiconductor lasers, started by Drs. A. M. Prokhorov and N. G. Basov, who both shared the 1964 Nobel Prize with the American Dr. C. H. Townes.

Dr. Nikitin has already demonstrated units 0.0001 millimeters in diameter that have been assembled into logic units and memory stores for computers.

These are said to have switching times of 0.1 microsecond and produce pulses of less than 10^{-10} seconds' duration.

At present, the use of lasers in memory stores is restricted to a short term memory of about 10 microseconds.

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According to this publisher, many people do not realize how much they could influence others simply by what they say and how they say it. Whether in business, at social functions, or even in casual conversations with new acquaintances there are ways to make a good impression every time you talk.

To acquaint the readers of this publication with the easy-to-follow rules for developing skill in everyday conversation, the publishers have printed full details of their interesting self-training method in a new booklet, "Adventures in Conversation," which will be mailed free to anyone who requests it. No obligation. Send your name, address, and zip code to: Conversation, 835 Diversey Parkway, Dept. 540-019, Chicago, Ill. 60614. A postcard will do. (Adv.)