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Software locks to protect computers, office machines
and other appliances.

These appliances pose varying problems of physical security
against theft.

On the other hand, microprocessor chips are
approaching universal use, not only in personal
computers but in a wide array of office machines
and appliances.

The concept is to design the processor, so that
it can be "locked" by the entry of a user-designated
key and correspondingly "unlocked". With volatile
memory devices, the chip will provide the lock
with some form of auxiliary memory, e.g., a burning-
in of the key on the chip, or the mechanical
setting of a group of switches, related to the key by
an encoder, that is not reset. (The burned-in key is a
form of signature allowing stolen property to be
traced even if the thief swaps the chip.) Keys would be
entered as data as in the normal operation of the device.

As more valuable machines become more
portable their security will be correspondingly harder
to manage. The advertised knowledge that
the device is useless if stolen (without the key)
should help deter the theft.

Software lock systems with key or magnetic card entry are already in wide use.

That concept is here extended to the microprocessor.

Whether that expansion is already patented or is non-patentable should be investigated.

Many devices may be left unlocked, remaining in that condition until power is disconnected. Only when the device is turned would the key have to be re-entered. This approach can then be used to protect a wide range of domestic appliances (television hand sets; TV; stereo; PCB radios) ~~also~~ as well as office machines. Control control mechanisms & outlets could also be protected; but new mechanical security designs would be needed against override by replacement of the control box.

Chip protection may also help in nature of security -
technology - lock control

They suggested to Ch. Herzfeld. He thought it
might be patentable. Did he know about car, books?