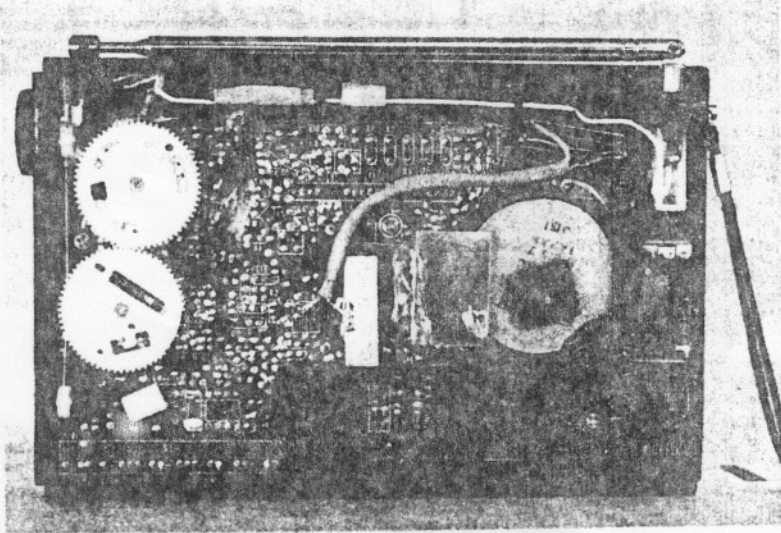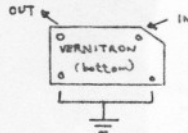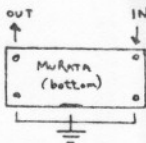2/   The Sony ICF-7600A is one of the best pocket radios. With a
little effort on your part it can really shine by improving the selectivity.
First, off with the back! Remove the four screws holding the back on
(one is in the battery compartment) and with the antenna pushed out of
the way, lift the back off. Be careful of the tab in the lower right hand
corner. With the back off, find the outline of the ceramic filter on the
back of the circuit board. It is just to the left of the metal shield and
is marked CFU. The three points inside the square need to be desoldered.

     Now, you are probably wondering as I did. How am I going to get the old
filter out? Glad you asked! There are two brass screws, one above the
shield and one in the battery compartment that, when removed, will let you
pull the front cover off. The volume contol and off switch will come loose
too. Now carefully pry the circuit board from under the plastic clips
that hold it down. Lift it up just enough to shake the old filter out.

     Congratulations! The hardest part is over. Clip the circuit board
back in place, replace the front cover (got all the switches back in the
right places?) and screw it down. There is enough room to the right and
just avove the speaker for a Vernitron or even a large MuRata CFS 4 kHz
filter. Connect this new filter with a short length of 2 conductor
shielded audio cable (two lengths of RG174 coax, one for filter in, the
other for filter out, might be a better choice). Don't use ordinary
hook up wire or you will hear your locals all over the place! See the
sketches below for the right connections. Now your little pocket Sony
has selectivity like the big boys!

*   *   *   *   *

     Dennis also asked about a question and answer section of the Tech
column. I haven't really mentioned this since the column started, but I'll
always try to answer technical questions any reader might have, in print
if you like. If I don't know the answer (entirely possible) then I'll
print the question in the hope that a more knowledgeable reader can
handle it.
*   *   *   *   *