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[54] **SPHYGMOMANOMETER**
11 Claims, 20 Drawing Figs.

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ABSTRACT: Blood pressure-indicating apparatus automatically produces persisting displays of arterial systolic and diastolic blood pressure values. An artery-occluding cuff, and a sensing cuff located distal thereto and connected in a closed pneumatic system containing an anemometer wire transducer, cooperate to generate the requisite display meter-latching signals. The systolic pressure is indicated only if a second pulse is detected within the expected time interval after a first detected pulse and is larger than the first pulse. The diastolic pressure is indicated only after the systolic pressure has been indicated and only after a pulse is detected which has a peak value less than 0.7 of the largest previous pulse detected.

