

movement of the hand, arm or body. This recording have no effect upon one who is innocent.

tion demonstrate a practical method of telling the truthfulness of a witness a new kind of expert may

Meanwhile inquiry among psychologists shows that the subject is not as new to them as it is to the public, experiments of the sort having been carried on for a number of years. The department of psychology

at Columbia university, for example, has a whole

series of sensitive electrical instruments for noting and recording the involuntary physical accompaniments of mental conditions or actions. If these were attached to a suspected person while he was undergoing a specially arranged examination they would indicate not only whether he was telling the truth but also something concerning the crime he was try-

The simplest of these instruments, the automatograph, holds the forearm and hand suspended in an

easy position by means of a sling, which bears also a

find a place in our courts.

ing to conceal,

pencil or pen point, which records each involuntary stimulates emotion on the part of a guilty person will movement that of the heart is not only the most sible after each the first thing it makes him think of, given event. Let each one give his version and you sensitive to emotion but is also least subject to con- thus: Chair, table; boy, girl; coat, hat; door, window; find a great divergence of story. The amount of

part of the apparatus can be hidden from the subject, and the sheet of paper upon which the record is the sphymograph, which on being attached is made can be caused to move at a regular and to the wrist notes and records the heart beat in the fixed rate, so that the relation in time between any question or suggestion of the examiner and the movement or breathing. Of the three kinds of mony becomes very strong indeed. And when there

of the time measurement of associations, a complex method which has been developed for legal purposes

method which has been developed for legal purposes in the last two or three years."

Nor are the experiments described the only contributions that experimental psychology is likely to make to the solution of legal problems in the near future. Extensive studies of the credibility of the observation of even an intentionally truthful witness have been made at the universities of Berlin and Geneva and at Columbia, and they indicate that our additions observation is so far from accurate that

ordinary observation is so far from accurate that no man can truly carry out the witness' promise "to tell the truth, the whole truth and nothing but the

Suppose a large number of persons observe a