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THE NEWER DEMANDS ON PHYSICS AND PHYSICS TEACHERS DUE TO THE WAR¹

At this time when the daily press all over the world is filled with statements and exciting accounts, proving beyond all doubt that the present war is a war of science, we, who pose as champions of so basic a branch of science as physics, would be guilty of gross carelessness should we not in some way take advantage of this unprecedented world-wide advertising. As expressed recently by the president of The American Institute of Electrical Engineers, "a flood of scientific and technical accomplishment has swept over the face of the earth."^{1a} and it is just such a description of our world war that the physicist must consider if he is to aid in bringing about the end—or assist in its indefinite continuation, if need be—or if as a teacher he is to prepare his pupils for the new war-time and peaceful duties sure to fall to the lot of every citizen in the newer civilization now passing through the agonies of its birth.

What are some of the points where immediate attack by physics teachers may be expected to result in compensatory results to the nation? What are the demands on these apostles and on their science? If any, what are the opportunities for the promulgation of this science, accompanying, or growing out of this opportunity for service?

There are two general aspects to the whole inquiry. One is that of the imme-

¹Read before the Ohio Academy of Science, Columbus meeting, May 31, 1918.

^{1a} *Electrical World*, July 7, 1917, p. 5.