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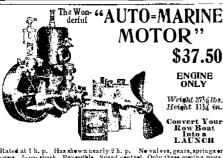
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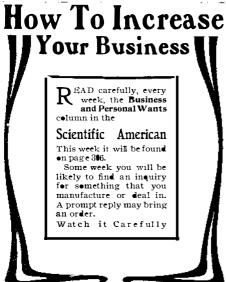
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tion coils (p. 130) mention of a "great Spot tiswoode coil" which will pierce a plate of glass 6 inches in thickness. Could you give me any information in regard to this instrument, by whom made, some of the principal dimensions, etc.? A. The Spottiswoode coil was the largest made till recently. Its length was 4 feet; diameter, 20 inches; weight, over 1,600 pounds. Its secondary contained 280 miles of wire in four sections, of two sizes, the finer about 0.01 inch thick. Total number of turns in secondary, 341,850. It required 30 Grove cells to produce its greatest length of spark, 42½ inches. In recent years coils giving sparks of 45 inches have been made, one of which is described and illustrated in the Scientific American for January 5, 1901. 3. Can you furnish a book "The Construction of Large Induction Coils," by A. T. Hare? A. We can send you A. T. Hare's "Construction of Large Induction Coils" for \$2.50.

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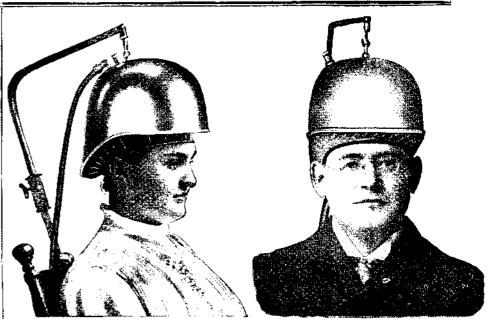
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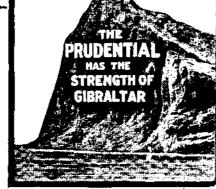
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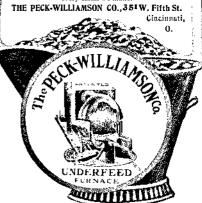
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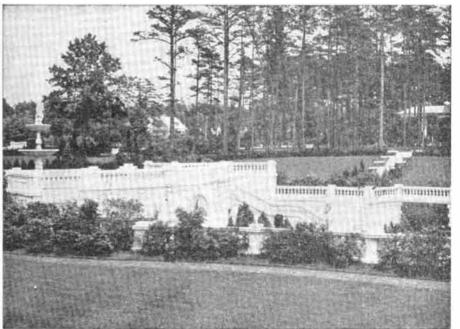
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