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OUR OPPORTUNITY FOR GREATER SERVICE.

With the appearance of this issue our four specialized editions are complete for our readers' inspection. Many have already expressed their appreciation of the preceding editions. Now we are anxious to have criticisms and suggestions from all readers as to the whole plan.

Every manufacturer is deeply interested in these four departments: his power plant, his office, his machine shop and foundry or his manufacturing plant, and lastly the construction and equipment of his manufacturing plant. Thus with our four editions, the Power Edition, the Office Edition, the Machinery Edition, and the Construction and Equipment Edition, we have the opportunity of being of great service to all manufacturers in the practical conduct of these several departments of their business. Besides which the advantages of a weekly paper to manufacturers are many. Chief of these is the weekly news service. The problem with the specialized paper in Canada has been the supplying of news frequently enough to make it valuable. A manufacturer cannot wait a month to follow up business opportunities. Thus **THE CANADIAN MANUFACTURER** with its specialized weekly editions now has the advantages of specialization, with none of its disadvantages.

We know we now have the opportunity of being of eminent value to the manufacturer. Each of the special-

ized editions already issued have been well received. This leads us to believe that our readers have appreciated our efforts. However, we are sure we can make succeeding issues much more deserving of appreciation. To that end we wish the assistance of all our readers.

Each of these editions has a field outside the manufacturer, and we can supply any one edition to any person interested only in that special subject. The rate is naturally smaller than that for the complete paper. The operating engineer, if he does not already receive the copy through his firm, can subscribe to the Power Edition, as well as anyone else interested in the generation and application of any kind of power. The superintendent, foreman or mechanic can subscribe to the Machinery Edition alone. The office man can secure the Office Edition alone. The same with the Construction and Equipment Edition. A great many have already taken advantage of this.

We desire the interest and cooperation of each practical man in his special edition. We look to our practical readers, the engineers, the superintendents, the foremen, and the machinists for practical articles, suggested by their own experiences in their own work. Such articles we will pay well for. To the office man we look for articles based on his practical experience in office work which will be of interest and value to other office men. We will gladly give suitable remuneration for available material.

The original object of making these far reaching changes was to give greater value to our readers. The new plan of publication provides this opportunity. We will do our best to take advantage of it. We look to our readers for their hearty support.

CHANGE IN FORM OF GEAR TEETH.

In this issue is an article descriptive of a new form of gear tooth which is being advocated by a certain gear cutter manufacturer. The new tooth is called the "stub tooth." It differs from the standard involute tooth only in shortened addendum and increased pressure angle. By increasing the pressure angle the teeth may be shortened so that only such portions of the curve are used as will give nearly a complete rolling action, the most desired end in designing toothed gearing. With only this increase in the pressure angle or angle of obliquity the advantages are limited; but the addendum being shortened as well, will increase the strength and durability.

This article deserves the careful consideration of all interested directly or indirectly in this subject. The advantages of the new tooth are well advocated, and very plainly shown. We will be glad to have our readers express their opinion through the columns of this paper.