THE ART OF SUCCESSFUL ADVERTISING BY ERNEST H. HEINRICHS.

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Advertising has become generally resognized as a necessary and important adjunct to every business, trade, profession and mercanile or commercial enterprise. The cobbler advertises his handwork on the window dedge; the grocer puts his best stock of vegetables on the sidewalk; the clothier, the dry-goods man and the furniture claer fill the pages of the newspapers; the actor seeks to attract the attention of the public in flaming posters, and the manufacturer advertises his specialties in the trade papers and magnatines. The time worn axiom that good goods do not need advertising of the manufacturer advertises his specialties in the trade papers and magnatines. The time worn axiom that good goods do not need advertising of now relegated into the deepest recesses of the business man's walt containing memories of the past, and is brought out only to serve as a dampener upon a two persevering advertising solicitor. In this age of keen competition, it is not likely that any man will have a purchaser for his goods simply because they have the characteristic of excellence. He must promulgate their distinctive advantages or their superiority.

To do this successfully, he must advertise. There are as many ways of advertising no there are roads leading to Rome, and the question is how to find the right one.

advertising as there are roads leading to Rome, and the question is bow to find the right one. To the writer it seems that the first point to be considered is, how much money will the capital of the business to be advertised permit to be used for this purpose? This point, once disposed of, will immediately suggest another one,—how may this sum be expended to the best advantage, or, how can the business be advertised most effectually with this stipulated sum. The thorough study of these points is of the utmost importance. There must be method pursued in the manner of advertising, if it is to be profitable, the there will be absolute failure. One who decides to emburk in any enterprise invariably makes it his first business to find out how much it will cost him to make a start. The same principle applies to advertising. It is a business in itsself, the management of which requires the greatest aree and attention.

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care and attention. Some people say that they give the papers an advertisement occasionally just to get on the good side of them; others, that they give some man from the papers an advertisement, because he is a "jolly, good fellow." In fact, one gentleman remarked to the writer some time ago that "there is a good deal of sentiment connected with advertising!" Now there is much ruth in what this gentleman said, and more is the piv. It is this kind of advertising which is dangerous, insequent as it reflects upon advertising as a legitimate business, because it deterfortates to a form of bribery, and it disheartens as well as disgusts both the reputable publisher and the honest advertiser.

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Having decided how much money may he spent in advertising, the next
question is, how and where is it to be done? To settle this question is very
difficult, for the reason that the mediums for advertising are legion. Many
old advertisers believe that advertising by circular letter affords the surest
and best way to reach a customer. They argue that if they send out a
stamped envelope with a type-written page or two of matter inside, the
recipient will surely read these pages. Then there are others, who are not
particular about having the matter even type-written; they are satisfied to
get up an elegant advertisement, have a printer strike of as many copies as
they have customers on their books, and then they send these circulars to
heir customers. Again, there are those who now and again get up a
catalogue, in which are set forth descriptions in general and in detail of
everything they sell, and they send these catalogues wherever they hope to
catch a probable purchaser. Then there are firms who rely entirely upon
little, but they do not do much good alone. It may be safely asserted
that newspapers, magazines, and trade papers, are now recognized as the
standard advertising mediums.

The object of advertising is to make certain statements known to the
public at large. Hence the more people see the advertisement the more
thoroughly does it fulfil its mission. Of course this opinion may be questioned by the advertiser of specialties, who desires to reach a certain class of
people only, but this statement is meant to apply to advertising in general,
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In choosing a publicati

where thing in the best and cheapest durithing that can be had. The term "newspaper" includes of course periodicals of every class.

In choosing a publication some people have very peculiar ideas; if they see a paper with a large number of advertising pages, they take it for granted that an advertisement in such a paper means money thrown away, because the advertisement will be crowded out of sight. This is a mistace they must be the best advertising mediums. The best papers are apt to the most widely read, so that advertisements in them must of necessity before most widely read, so that advertisements in them must of necessity being most of the most widely read, so that advertisements in them must of necessity be most widely read, so that advertisements in them must of necessity be most widely read, so that advertisements in them must of necessity be most widely read, so that advertisements in them must of necessity becomes a considerable of the most widely read, so that advertisement in the must of the propriet in the must be most widely read, so that advertisement in the must of the propriet in the propriet in the propriet in the must be propriet in the pro

next attention to the manner of setting up that attentions are very low. Many pages.

The advertising rates in the best publications are very low. Many people, and even some advertisers of experience, will doubt this statement, but that does not detract from its correctness. The trouble is we expect too much from an advertisement. It must not be supposed that a single advertisement, for which perhaps 500 has been paid, is going to fill a store with customers for a year to come, thus bringing a profit on the investment of probably ten hundred per cent. Most people are satisfied, if they make one hundred per cent. on their invested capital, and everybody should commend them for their modesty. Why, then, should a larger profit be expected from an advertisement than from any other investment?

Advertising once commenced, must be kept up, and if conducted with the same thoughtfulness, the same care, and the same business methods exercised in any other enterprise, an advertisement will always prove a profitable

investment. There is one other feature connected with the business of advertising, which, although the writer has so far not made mention of it, is nevertheless of no less inaportance than the others. This is the manner of composing an advertisement. It is impossible to form any set of standard rules as a guide for the composition of advertisements, except in so far is that they should in all cases be so worded that they will at once attract attention and be read, To be brief, concise, clear, and to the point in writing an advertisement is undoubtedly commendable, and a plain statement is always more liable to earry weight with the reader than a long string of ambiguous plrasses, which have no defined meaning when analyzed.—Engineering Magazine.

HOW TO USE CEMENT.

The following general rules referring to the practical use of cement are reprinted from the National Building Register:

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QUALITY OF SAND—The sand should be clean, sharp and
coarse. When the sand is mixed with loam the mortar will set
comparatively solve, and the work will be comparatively weak.
Fine sand, and especially water-worn sand, delays the setting
of the cement, and deteriorates strength. Damp sand should
be mixed thoroughly and uniformly together, when both are
dry, and no water should be applied until immediately before the mortar is wanted for use.

PROPORTION OF SAND—The larger the proportion of cement the stronger the work. One part of good cement to two parts sand is allowable for ordinary work; but for cisterns, cellars, and work requiring special care, half and half is the bette proportion. For floors, the cement should be increased toward the

WATER IN CONCRETE-Use no more water in cement than absolutely necessary. Cement requires but a very small quantity of water in crystallizing. Merely dampening the material gives the best results. Any water in excess necessarily evaporates and leaves the hardened cement comparatively weak and porous.

CONCRETE IN WATER-Whenever concrete is used under water, care must be taken that the water is still. So say all English and American authorities. In laying cellar floors, or English and American authorities. In laying cellar floors, or constructing cisterns or similar work, care must be taken to avoid pressure of exterior water. Cement will not crystallize when disturbed by the force of currents, or pressure of water, but will resist currents and pressure after hardening only. In still water good cement will harden quicker than in air, and when kept in water will be stronger than when kept in air. Cements which harden especially quick in air are usually slow or worthless in water. or worthless in water.

How to Put Down Concrete—When strong work is wanted, for cellar floors and all similar work, the concrete should be dampened and tamped down to place, with the back of a spade, or better, with the end of a plant, with the lack finished off with a trowel, thus levelling and compacting the work. Only persons ignorant of the business will lay a floor or walk with soft cement mortar. All artificial stone is made in a similar way to that described, and, when set, is strong and hard

DELAY IN USE—Do not permit the mortar to exhaust its set-ting properties by delaying its use when ready. Inferior ce-ments only will remain standing in the mortar-bed any length of time without serious injury.

STONE AND BRICK WORK-In buildings constructed of stone or brick, the best protection from dampness and decay, and also from the danger of cyclones, is a mortar of cement and coarse sand. The extra cost is inconsiderable, and the increased value of the structure very great. Chimneys laid in this manner never blow down, and cellars whose foundations are thus laid are always free from atmospheric moisture. Cement may also be mixed with lime mortar for plastering and other purposes, to

great advantage.

EFFECT OF FROST AND COLD—At a temperature less than 60 degrees Fahrenheit, all good cement sets slowly, though surely, but if allowed to freeze its value is seriously impaired. In cold weather or cold water do not fear to wait for your concrete to crystallize.

DAMAGE FROM MOISTURE-Good cement is not injured by age, if carefully preserved from moisture. Lumps in bags or barrels of cement are caused by exposure to moisture. They prove the originally good quality of the cement.

LEGAL DECISIONS.

Mr. Justice Ouimet, of Montreal, in the case of Beaulieu vs. Brouillet, decided a point of much interest to architects. The action was taken to recover an amount alleged to be due under action was taken to recover an automic allegate to be due under a written building contract for certain work done, and an addi-tional sum for extras. The plaintiff had endeavored to produce evidence to establish the value of these extras: but the defend-ant objected, and the objection has been maintained. It is held that an architect can only claim for work done under written contract, and in the absence of a written agreement or an admission under oath by the person for whom the work was done as to the value of the extra work, no claim can be entertained. In the present case the plaintiff had neglected to have a written agreement drawn up before commencing the extra work.