

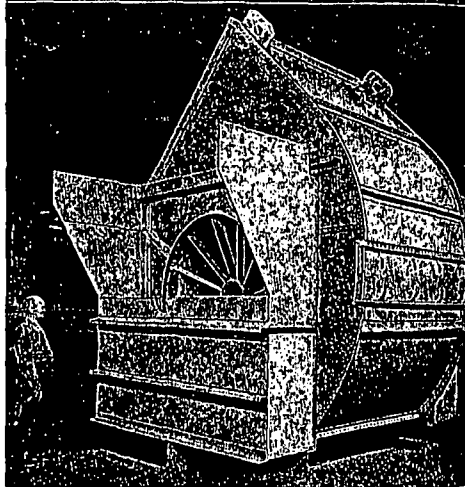
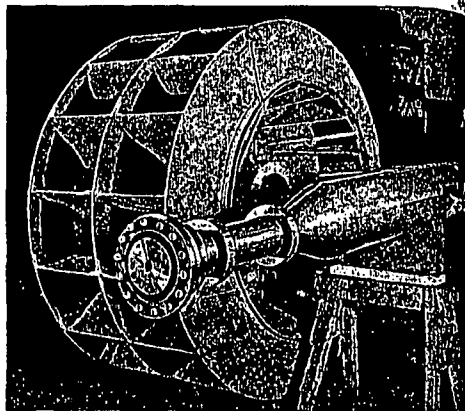


Fan Features that Reduce DRAFT Costs

In such severe service as mechanical draft, the "cheapest" fan is the one that lasts longest. "Buffalo" Fans are built for the longest possible life. Note the heavy, rigid construction of the "Buffalo" rotor shown at right, and the oversized shaft turned from one solid steel forging, thrust collars and all. This is typical of the strength and endurance built into every "Buffalo" Draft Fan—strength that means far less repair and replacement cost through added years of service.

"Buffalo" Engineering "know-how" is back of the high efficiency and favorable pressure characteristics of "Buffalo" Forced Draft, Induced Draft and Primary Air Fans. These characteristics mean stable delivery over widely varying fuel requirements—minimum erosive action on Induced Draft—minimum driving power on all fans.

Accessibility of all parts is a "must" if servicing is to be done rapidly and economically. At right is a "Buffalo" Induced Draft housing, showing the sectional, bolted design and access hatch. Cleaning, coating, rotor balancing—even rotor removal—are greatly simplified.



For further features that give you lower draft costs—plus more dependable draft—write today for Bulletin 3750.

BUFFALO FAN COMPANY
488 BROADWAY BUFFALO, NEW YORK
PUBLISHERS OF "FAN ENGINEERING" HANDBOOK
Canadian Blower & Forge Co., Ltd., Kitchener, Ont. Sales Representatives in all Principal Cities

VENTILATING AIR CLEANING AIR TEMPERING INDUCED DRAFT EXHAUST

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...with Power readers...

WHO HAS "STEAM"?
We're looking for bound volumes (or even single copies) of a magazine called Steam, published in Chicago in the early 1880's. That's a long way back, so we don't imagine many subscribers are still around. But maybe someone bequeathed you a set. Or maybe you spotted some copies in a second-hand book store, bought them for antiquarian interest. Whatever their source, if you have copies of Steam, or know where there are some, you can do us a big favor by dropping a line to Phil Swain, Editor. Why our sudden interest? Well, read on...

ARE WE OLDER THAN WE THOUGHT?

Power was founded in 1884—the first issue appeared in November. All our information has told us, for years, that it was incorporated with a magazine called Steam, which had begun publication in October, 1882. So you can figure we were jolted to our eyesieth when we recently ran across some puzzling evidence indicating that Steam may have been started in 1880. The evidence is an editorial in the Dec 1890 issue of Power. Under the heading "End of Volume X," it says "The close of the present volume marks a decade in the history of this paper..."

Now a decade is ten years. And ten from 1890 takes you back to 1880. Note also that (Continued on page 192)

...lines and bylines

EDITORS, like just about everyone else, welcome a good solid pat on the back. Our special report on Water (Sept 1952) has had a heart-warming response—well over a thousand letters of commendation and requests for more than 8000 reprints. This kind of acceptance, from the readers we work for, is particularly gratifying.

We are also proud of recent recognition from our peers in the editorial field. As the photo at the right indicates, Power's report on Water received first award in the 15th Annual Business Paper Editorial Achievement Competition sponsored by the magazine Industrial Marketing. From a field of 515 entries, a jury of 23 distinguished judges voted it the best single article published in an industrial magazine during the year 1952. So we have another plaque to join those recognizing past prize-winning editorial projects—and another mark to exceed in future efforts.



"DEAN" of the water-treating equipment field is a title often applied to Samuel Applebaum. It recognizes a lifelong career in external treatment of water for municipal, industrial and boiler-feed application—a career that began immediately after he received his engineering degree from Columbia University in 1913.

Now manager of Cochran Corp's water-treatment division, Applebaum is a frequent contributor to engineering society proceedings. His papers have been published by ASME, ACS, American Water Works Assn, Engineers' Society of Western Pennsylvania and the American Power Conference. For some of his current thinking on demineralization, see the survey article on pp 88-91.

Formerly a member of the New York Tennis Club and Adirondack Mountain Club, Applebaum now spends much of his spare time in gardening, photography and sketching. But water treatment—developing new methods and applying them—has always been his main hobby.



S. B. Applebaum

STEAM SPECIALTIES are the specialty of Frank Ptacek, asst to the sales manager of Yarnall-Waring Co. A graduate of Cornell (ME), Frank served as asst supt of Eastwood Nealley Wire Co before joining Yarrow in 1941.

His present job takes him into many of the large steam power and process plants of the country and gives him plenty of chances to observe the performance of the various steam specialties. It's out of this experience that he speaks in the article on selection and application of water-level gages for medium- and high-pressure boilers, pp 82-84. Besides contributing to technical magazines, Frank is active in ASME, Cornell Society of Engineers, American Pulp and Paper Mill Supts' Assn.

Proud parents of two young daughters, he and Mrs Ptacek do their share (and a little more, if we know Frank) in community activities. When time permits, he heads outdoors for hiking and swimming.



Frank Ptacek