

metal

Continuous Operation Made Possible

TO eliminate shut-downs, MONEL Metal screens were used for supporting the filter cloth and MONEL Metal wire for winding the drums of the 20 Oliver Continuous Filters at the U. S. Ammonium Nitrate Plant, Perryville, Maryland. The action of the liquor was so severe that screens made of iron, copper or practically any other metal could not be used.

MONEL Metal wire wound spirally over wool fabric (see illustration) gave permanent service. One MONEL wire, taken off and rewound over new fabric **nine** times, was still in perfect condition for further use. This is a typical example of MONEL Metal's wonderful resistance to acids and its superiority over other metals for equipment used in the chemical field.

MONEL Metal is very generally employed in manufacturing parts of bleaching and scouring machinery and dyehouse equipment

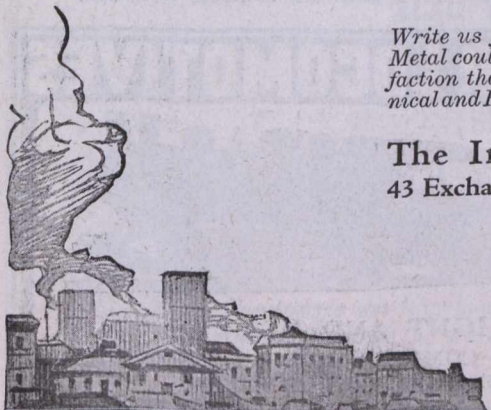
which come in contact with acids or strongly alkaline solutions.

MONEL Metal is a natural alloy of nickel and copper — non-corrodible — strong as steel — tough and ductile. Withstands acids, high temperatures and erosive action of hot gases and superheated steam. Can be machined, cast, forged, brazed, soldered and welded by electric or oxy-acetylene method. Takes and retains a perfect nickel finish.

In the mining field where corrosion is unusually injurious, MONEL Metal has proved its superiority over other metals for mine screens, coal chutes, valve trim, pump liners, pump rods and various other parts of mining machinery and equipment. Send for the MONEL booklets which tell all about this unique metal and the many other uses for which MONEL Metal has proved superior.

Write us for detailed information as to whether MONEL Metal could be substituted with economy and greater satisfaction than the material you are now using. Our Technical and Research Department is at your service. Address:

The International Nickel Company
43 Exchange Place New York, N. Y.



THE INTERNATIONAL NICKEL COMPANY