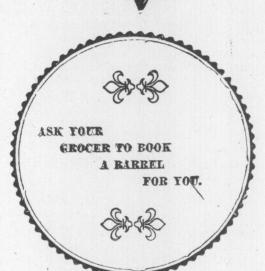


## "WINDSOR PATENT"



# The Absolutely Genuine Pre-War White Flour IS DUE NEXT WEEK.





### Repairing the Stern-Frame of the "Northern Pacific."

The Largest Marine Weld Ever Made.

(Scientific American.)

tan will recall the stranding of the stern-frame there was a chamber in this point from sloughing away. All Army transport "Northern Pacific" 300 yards off the shore of Long Is- through a hole about two feet in loaded with 3,000 passengers, many rudder stock stuffing box. When the place. The mold was then pre-heated of whom were wounded soldiers. For a time it looked as if the ship ble to crawl through this hole and to melt out the wax pattern. This would go to pieces under the pound- then, on cutting through the inner was done with gasoline torches, and of. But by heroic efforts they were layer of wax was placed on the hol-! Then the heating gates were plugged litters and the breeches buoy, and cylindrical riser pattern led from the the Thermit reaction. off the sand by a fleet of tugs and ing material was then deposited in of aluminum and iron oxide. When dard of late years, and has revealed clubs.

The most serious damage the vessel which was cracked through. In fact t is a wonder that the stern-frame he storm. Only a slender sternshoe connected the bottom of the stern-frame with the boat and this must have been subjected to a tremendous strain. It is probable that the stern-shoe was buried in the sand Miss Information and was stiffened thereby sufficiently to withstand the shock of the waves The rudder, however, received the 'ull force of the waves and caused the break in the stern-frame.

To replace the broken frame with a new one would probably have cost \$50,000. The only alternative was to weld it in situ by means of Thermit ind although so large a weld had lever been made in marine work here was the precedent of similar welds in steel mills, and hence the work of welding the frame was un-

The operation was complicated by he fact that the break took place just above the uppermost gudgeon tt a point where a hollow portion of he frame joined a solid portion. The irst process was to cut away part if the frame so as to provide an openng large enough for the metal to low in freely. A three-inch gap was but in the casting by means of an

a small narrow piece of a wooden plank was inserted close against each side of the triangular stern old Country on the Way to Recapture frame section and connected with the wax pattern below. These outside risers served the special purpose of supplying molten metal for the weld during cooling shrinkage and thus The readers of the Scientific Ameri- oxy-acetylene torch. Just above the preventing the thin casting shell at the vessel access to which was had wooden and pipe patterns were re-

> rudder was unshipped it was possi- in order to dry it thoroughly and also hull, to reach the hollow space in the the pre-heating was kept up for seven stern-frame from above. The frame hours, after which time the molded

pneumatic rammer. This had a facing the oxide of the iron, leaving the iron were inserted against the inside wall off simultaneously by two men each figure is now being quadrupled. of the casting and bent inward into of whom dipped a red-hot rod into the ignition powder. The reaction was large sums of money on chemical re- attacked by the latter's friends, threw The interior portion of the mold most spectacular. The intense heat search and are turning out gloves a hand grenade, killing himself and having been completed, wax was ap- resulted in a very brilliant pyrotech- equal to anything produced by Ger- wounding several others, plied to the outside, and them a mold nic display which lasted for some lit- many, but they are appealing to the box was built up around the wan the time. About 45 seconds were al- Government not to allow the trade

both sides and in the rear of the the mold was removed and the risers weld. Pouring gate patterns were and gates cut off with an oxy-

#### British Glove Fabrics.

Lost Industry.

The glove fabric industry, which, until the outbreak of the war, was a German monopoly, is being rapidly turers. It originally had its home in man chemists in discovering the mebut makes the gloves suede-like in appearance and touch, spelt ruin to the English manufacturers. The Germans before the war exported carat." The club owners get 5 per ued at three-quarters of a million

The dyeing and finishing of lace and hosiery by Nottingham firms has, Thermit is composed of a mixture however, reached such a high stanthe casting and rammed up with a ignited the aluminum combines with so many German secrets, that the marks per year. material of fire clay, ground fire free which is melted by the intense again into the glove fabric trade. So change hands each night. The gambrick and sand in equal parts. To hea tof the reaction. The tempera- successful are they proving that blers want action out of their forkeep the mold from dropping when ture rises to about 5,000 degrees whereas in 1913 England only made the wax was burned out, iron gagers Fahrenheit. The crucibles were set 880,000 yards of glove fabric, that Bolsheviiki get them.

Nottingham firms are spending and filled with molding material. lowed for the reaction to take place, to be killed once more by Germany, licenced. Heating gates were provided by after which the crucibles were tap- where labor, which represents oneinserting cylindrical wooded patterns; ped allowing the moltan metal to flow third of the cost, is less well paid.

#### Berlin Gambling Mad.

People in German Capital are Seekinging Excitement.

Monte Carlo was, a gambler's kinddergarten compared to "gambling

If you are a stranger in Berlin, of the 500 gamblers "clubs." Your low class den to the most fashion- bute. able, with special rooms for ladies,

cher war-grafter; the countess beside a horse dealer; the baker's wife

fees, together with the percentage amounts to between 25,000 and 40,-000 marks per night at the biggest

Military authorities provide the

The owners give weekly free dinners of a large number of courses and all the champagne you want to The school was out, and down the

#### An Unsinkable Ship.

ask the chauffer to drive you to one during the war, much time has been ooks will tell the chauffer the class ship. Now a vessel has been designof club to which he had better take ed on the north east coast of England, you. There are all kinds, from the which, it is claimed, has this attri-

The idea is simple, but very ingenwhere dinners, wines, liquors and jous, and consists of the bridge coffees are served at half cost price. (which will be larger than usual) be-The film star sits beside the but- ing hollow and air-tight. Its normal

> the submerged shell. On the bridge accommodation is provided for those

design consider the idea justifies the claims made in regard to it, and with view of testing its practicability arrangements are being made for the marks, arrested the bankholder and, building of a ship in accordance with

> Every Saturday evening after 7 o'clock, Choice Ends of Beef, Mutton, Lamb, Pork will be sold at cost. ELLIS & CO., LTD. 203 Water Street.—nov29,

#### A Boy's Promise.

The hue of health, a gladness sweet,

To every face belonging. Among them strode a little lad Who listened to another, And mildly said, half grave, half sad

"I can't-I promised mother. Of boisterous derision; But not one moment left in doubt

That manly, brave decision

He calmly told the other: But I shall keep my word, boys I can't-I promised mother.

Of one who thus had spoken? Through manhood's struggle, 'gai Could faith like this be broke

God's blessing on that steadfast wi Unyielding to another. That bears all jeers and laughter still Because he promised mother

For your new Spring Suit, made in the very latest style, pinch back or plain, or any styl you want, go to SPURREL THE TAILOR, 365 Water St. mar24,eod,tf

for scouring knives. Dip or rub it on the scouring cake and apply it to

blouse, dip the spot at once into hoiling-hot starch and the spot will dis-

When you want Steaks, Chops, Cutlets and Collops, try ELLIS

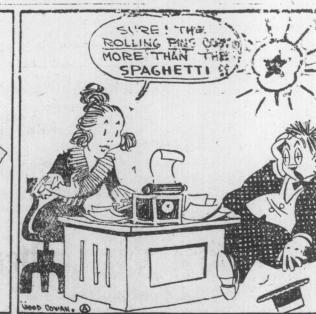
SHE HAD THE GOODS ON HIM.

By Wood Cowan Protected by George Matthew Adams









medium of the There are tv

the hospital else. Anoth assaulting s drunks have A horse ran somewhere. LeMarchant known peopl arrived at he well, after a days. The fis a place did e day, and som manslaughte must certain who does not more than fi he writes ab fined \$5 obvi to remind sufferers and going ship, well yesterda tainly know ed reporter.

Understand

SHE

TH