

New Process For

Tempering Steel

Cold Bar of Steel Cut In Chunks

Blacksmiths of Republic Inventors And May Revolution:

A despatch from Republic, Wash., to the Spokane Spokesman-Review says: Weston & Graham, a blacksmithing firm of this town,

likely to surpass anything of the kind ever before brought to light. A patent has been applied for. Harvey W. Graham, the junior member of the firm, began working on the process five or six years ago, and has continued a series of experiments.

worked and expended their earnings from their business on the matter until it has been brought to such alleged perfection that it bids fair to become a basis for a large fortune and perhaps revolutionize the iron and steel working industries.

tain chemicals in water or oil in the tempering vessel, but what those chemicals are is the firm's secret. It is claimed that, by their use any kind of a tool from a blunt hammer head to a keen edged razor can be tempered to a

with an axe tempered by this new process, cut several big gashes in a cold bar of steel without dulling the edge. Such a blow as was dealt at the bar with any other kind of tempering would have broken a big gap in the blade of

With an axe tempered by this process, a cold bar of iron or steel may be cut into chunks almost as easily as if it were of wood, and with a stout knife blade a bar of steel may be whittled into shavings. A heavy blow dealt

... had been driven, split it in two and cut through the nails without taking the edge off the blade. Other severe tests have demonstrated a perfection of tempering that had not even been anticipated.

firm is kept busy making razors and tempering them for local customers, and can not meet the demand with their present facilities. T. S. Williams of the Bon Ton barber shop has one of the razors, which he would not part with.

"I have set aside my old case of tools and now use only these razors, and I can say that I never before had a blade that would hold an edge as long as these."

Mr. Graham has perfected his process of tempering by the exercise of thought, time, and patience, using in numberless tests the different chemicals in his formula in various quantities suggested by the results obtained from day to day, until the broken edge of a steel tool

BRITISH NAVY AS

London Paper Asks That Russians Pirates Finally Be

London, Aug. 24.—The Standard this morning, unable to conceal its disappointment that the United States gov-

ally contends that the United States should have taken the lead in the matter without arousing the jealousies and suspicions which must follow intervention by any European power. The Daily Telegraph publishes a

the Russian volunteer fleet vessels, declaring that "if diplomacy fails, the British navy must clear the high seas the offenders."

freight for Dawson.—Steamer Amur

ght from Victoria merchants con-
ced to Dawson. There was upwards
200 tons of this cargo, 150 tons of
ch was taken on at Brackman-Ker's
arf.

MIGHTY MINNESOTA.
—
Hill's Mammoth Steamer Welcomed
to Gotham.
—
special despatch to the Seattle Post-
Intelligencer from New York says: Heroic

come to New York today such as was
er accorded a new ship. From the
e she passed quarantine her sail up the
past the statue of Liberty and the
very into the North river to pier 38,
triumphal.
undreds of steam craft lined out the

...a flag dipped its colors. Even the
ly Hook proving grounds of the gov-
ernment, and the great places in Fort
Sworth, the protecting fortress of
York, saluted in tones so loud that
air convulsions were felt in Jersey.
The Minnesota left the New London,

to sea. During that night she man-
 ored, testing her instruments and ma-
 nery, but all the time bearing around
 south fluke of Long Island. Off Mon-
 point she took on board two of the
 fine Sandy Hook pilots.

8:20 Sunday night, shortly after the

to stand by the anchor, and four miles from the Hook the order was given—"Drop!" The eighty-ton chain followed the 8½-ton chain, and the great ship came to rest. At 9:30 this morning the tug Atwood, with the New York militia band and a brass band, met the ship off the Hook.

quarantine the great guns of Fort
sworth fired a salute, the government
gave the three-whistle welcome,
from there all the way to the pier
hundreds of craft dipped their colors and
dressed in a grand

Amigo of the Southern Pacific and
tugs of the Pennsylvania, Lackawann-
Reading and Central of New Jersey
came out to meet and escort her to
Ber.
she approached the Battery, thou-
of people crowded the quays and

Never in the history of shipping in
York or all the Atlantic or perhaps
other coast did a vessel receive such
reception.

