## © ${ }^{\text {(1) }}$ Daily Astoria.

Vol. XVII
arbasisa tam ocean An article in the News
Herald concerning the efficacy
pouring oil pouring one upon the sea to sal.
due the waves during a sot
brought to that paper two inter brought to that paper tiro inter.
eating
subiteres in reference to the
she first correspondent subject. The first cor
said: "In referee to
ce in the Herald a


ships, and whine apecasion derasand use the same for the sure."
ion of life and property."


$\square$
$\qquad$





The action of the oil in this case Being heavier than foam an
lighter than water, it works i way to the surface ment. In so doing it diffuses
through and breaks down the swelling. This occurrence is if quently illustrate
of paper making. pulp, while being washed in the
besting engine, foams and swells
so heavily that it overflows, so heavily that it overflows, throwing in of a few drops of oil
subdues the rising. The violence of foaming wa myriad of bubbles elevating the
surface of the water under the windy pressure and breaking with
explosive effect upon boats or any other obstacles. The molecule
diffusion diffusion is a practical way
ducting the ducing the foam to a watery
but should be applied at a distance to prevent the shock. to spread the oil before the ba by a jet or spray system. Many
lives might be saved if proper arrangenents were made to this of extremely fine and subtle in floating, a few gallons, adequately distributed, would,
emergency, prevent capsizing and
are way to salvage.
He was a fresh young Congress. man from a rural district, nad found that every other member had a private secretary hired one. The Boston Post tell how the Massachusetts Democrat"Mr. Seeks, to-morrow I shall speak

Astoria, Oregon, Sunday Morning, April 16, 1882


HARDWARE, IRON, STEEL Iron Pipe and Fittings, Plumbers and Stall Fitters Goods and Tools, SHEET LEAD STRIP LEAD SHEET IRON: TIN ANDICOPPER, Carney and Pisierinamens Supplies

Stoves, Tin Ware and House




## SCALE

## TAILORING.

 CLEANING and REPAIRING:New and Choice MILLINERY,



CHICAGO BREWERY,

## Celebrated Chicago Beer

II abs priantite to sit. I have ate pass
 golden shoe store. I have opened a NEW BOOT and SHOE STORE


BOAT BUILDER, time old stand, grays belling

