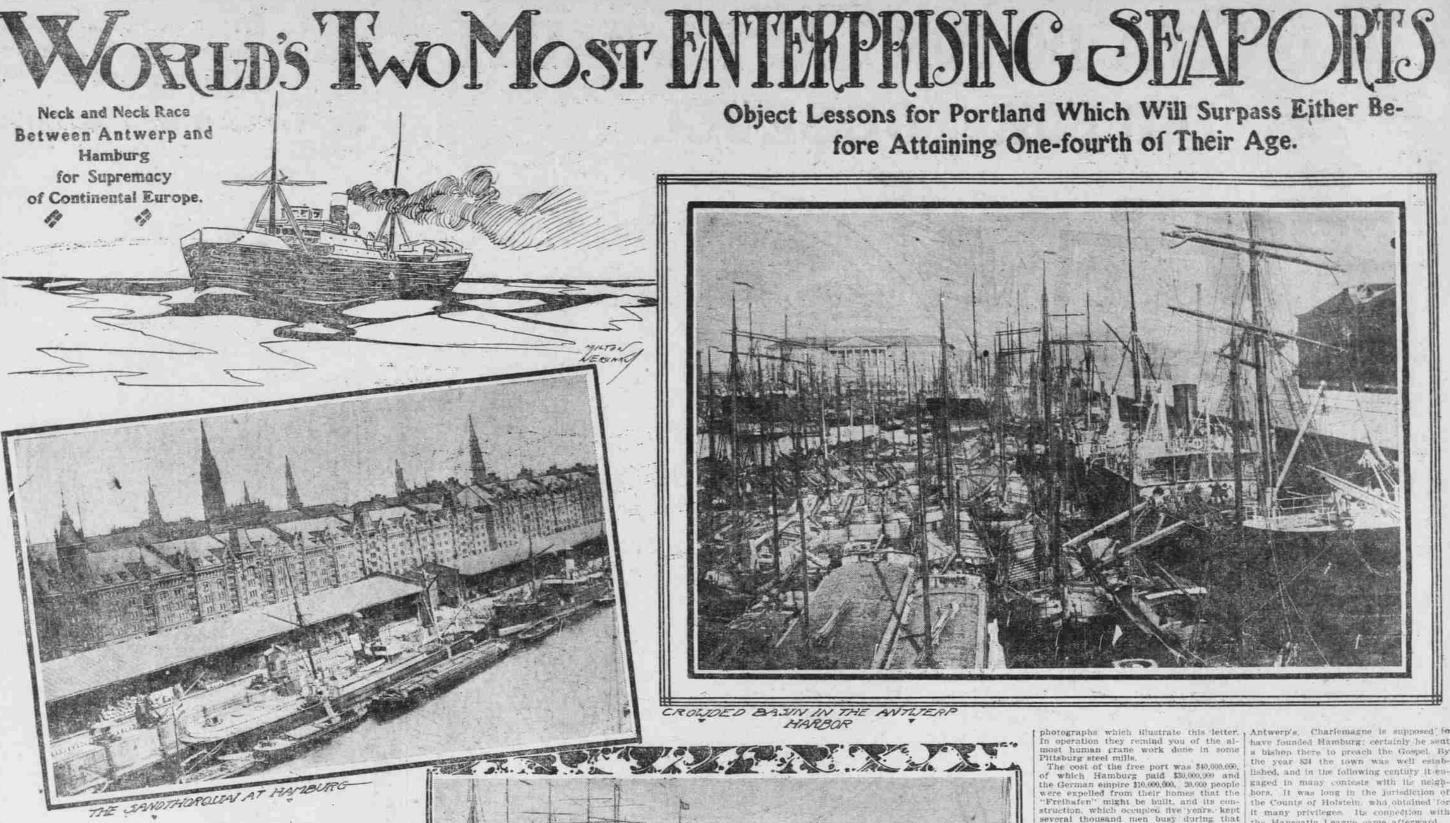
THE SUNDAY OREGONIAN, PORTLAND, OCTOBER 21, 1906.



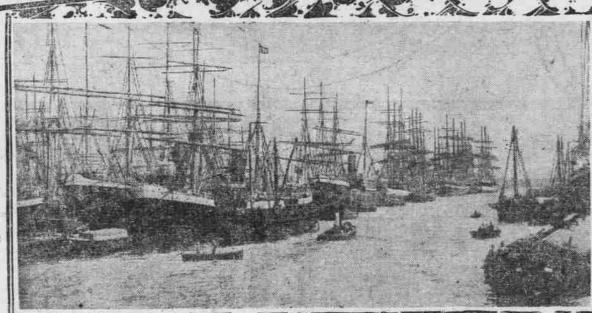
Copyrighted by Dexter Marshall, Special Correspondence of The Sunday Cregonian, Heaverage of the Sunday it to the chute and incline it so that the

HAMEURG, Germann, Oct. 4.-Running a neckand-nack more for supremacy in world commerce, the quain, gradent Bel-gian city of Antworp and the only slightly younger but much loss quain third and fourth place is the list of the world's twelve areat parts. The talk of the world's correct, in the layest list to which is have ancess at this moment. Hongkong, if thim, bads them noth, and is entitled to second place. London only being ahead of the German and Belgtan differ, there-The German and Belgtan differ, there-

The German and Bolgtan cities, therefore, are clearly cultied to the commer-cial feathers, which they such in their cape. They have wen through a com-bination of Government assistance and true American huetle; hustle which has included the adoption of the most modern

HAMBURG, Germany, Oct. 4 .- Running contents will slide into the hold of the

are common enough in the United States. You will find them in the shipyards, the great manufacturing plants and in many other places, but nowhere are they so ex-tensively used on American wharves as here and nowhere more effectively. There are these them a theorem of a set of the set are more than a thousand of them wharves and plets of the two old the exact number in Hamburg bet



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· ...... HAMBURG'S SEGEL SCHIFFHAFEN Pittsburg steel mills. The cost of the free port was \$40,000,000, of which Hamburg paid \$30,000,000 and the German empire \$10,000,000, 20,000 people were expelled from their homes that the "Freihafen" might be built, and its con-struction, which occupied five years, kept several thousand men busy during that time

ine. It would be impossible to collect acurate figures as to the aggregate cost f Hamburge harbor works today, but must have been more than \$160,000.000. Always Essentially Commercial.

From the nature of their respective locations, Antwerp being at the head of navigation for ocean-going vessels on the River Schelde sixty miles from the sea.

and Hamburg, ninety fulles up the river Elle, the two cities have practically al-ways been essentially commercial. The arigin of the present Antwerp may be traced back to the sixth century, when a Saxon colony took possession of some rnined Roman fortifications and settled thereon. They named the settlement "An't Werp," which means literally, "On the By the seventh century ships from this

have founded Hamburg; certainly he sent hishop there to preach the Gospel. By the year 534 the town was well established, and in the following century it engaged in many contests with its neighbors. It was long in the jurisdiction of the Counts of Holstein, who obtained for it many privilegee. Its connection with

it many privileges. Its connection with the Hansentic League came afterward. The league's dissolution was followed by the discovery of America, and this helped Hamburg as much as it did Aut-werp. Still, the present era of properlie-did not begin until much later. Hamburg escaped the Spanish fury altogether, but in 180 it was annexed to the French Empire. In 1815 the people tried a little rebellion of their own, but falled. During the French donination the damage to the city's commerce amounted to usarly 369, 669,00 a much larger sum then than it would be today. In 1842 there was an enormous firs.

In 1822 there was an enormous firs, which set the town back. Still, Hang burg's prosperity his never flagged an Antwerp's has, and from the close of An werp's may the from the close of the France-Prussian Warr which brought the city into the German Empire the commerce of Hamburg has been constant-ly increasing, especially since it entored the Imperial Zoliverein and set apart a large portion of its harbor has a "Frei-infer." The corrupt on of the free port for-

methods in each points in the world could there two old European ports, either in the ar-rangement of their docks and wherves or the fielfity with which the loading and unleading of some pre-erried on

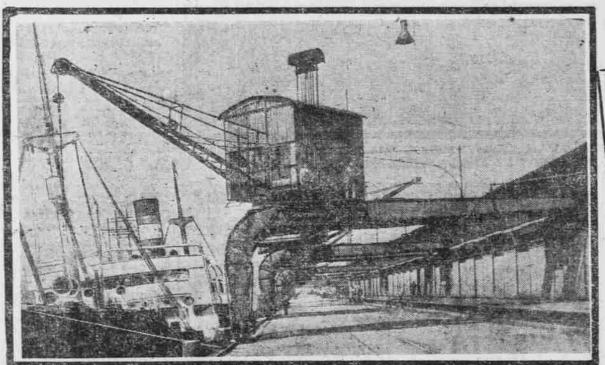
or the frieffity with which the loading and unloading of spine pre-critical on New York, especially, may well aide the commercial beau with sharme wherever its antiquited, ultra-cara expatible port multi-ods are compared with those of Antwerp and Einmourg. Some of the big take ports handle orea, coal, structural steel and other cargoes in an up-to-diste way, but there is no port, either en sult water or fresh, its Anerkias which remotely ap-prearbed these European ports in rapidity or economy of early handling.

## Cranes by the Hundred.

Cranes by the Hundred. In the first place, neither Earnbarg ner Autworp wastes a plenning or a centime indicators their arrays of the dy form indicators their arrays of the dy form indicators their arrays of the dy for indicators their arrays of the dy for indicators when it comes to then or is indicators when it comes to the dy for indicators when it comes to the dy for indicators when it is a structure in the indicator area when it is another, it being and the first area when it is either part is when it is railing to the three part is for their see or heavy river in the indicator is a full completion of provide were predominated to the indicator is a full completion of provide the dy for the dy for the dy for indicator is a full completion of provide the dy for the dy for the dy for indicator is a full completion of provide the dy for the dy for the dy for indicator is a full completion of provide the dy for the dy for the dy for indicator is a full completion of provide the dy for the dy for the dy for indicator is a dy for the dy for the dy for indicator is a dy for the dy for the dy for indicator is a dy for the dy for the dy for indicator is a dy for the dy for the dy for indicator is a dy for the dy for the dy for indicator is a dy for the factor is the dy for indicator is a dy for the factor is the dy for inter and you will be factor is the brind in the is is dy for the dy for the dy for the dy for inter and you will be factor is the brind in the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for the dy for the dy for the dy for inter the dy for inter the dy for inte

either and you will be fascinated by the apparent case and quistness with which the work is done. You are sure to be im-pressed also by the apparently realistics of chains and ittre shouting, You you in vain for the arms of mishing, aweading, ordfine longsboroust, working strens ously in long processions, which are so important a feature of the New, York water from.

under the loss processions, which are no important a feature of the New York. The same factors of the New York of the same of the New York of the same of the New York of the same of the river Scheide, on which the city is alluared, at Antwerf the theorem on which the city is alluared, at Antwerf the theorem on tracks of the standard American gaugy. The cranes state and the town from the key of the standard American gaugy of the cranes state mounted by a little house or eahing the inter the cranes is distributed at the two operators. Suppose a carge of the wider one Suppose a carge of the vide of the wider one Suppose a carge of the trans the two operators of the state the necessary to the dock cranes. Another signal is given the maxemile being how on the strong the care with the mover the ship, and they are swith the factor of the vide the same and badie of the vide the same and they are the care is given by a little house or eahing the claim of the time strong the care is the strong badie of the vide the state trans is the state trans in claims of the care is a strong the claim of the time are strong to the strong the same strong the same of the strong the care is strong to the strong the same strong the same



PERSPECTIVE VIEW OF HAVIBURG'S ELECTRIC DOCH CRANES

**PERSPECTIVE UPEN OF AVAILABLES ELECTRIC DOCK CAMPES**They fax on every boat entering the part, the fair of the part of the largest of which is the fair of the twent barnes of the fair they not be an advantage of the fair they are bear of the fair they not be an advantage of the west of the fair they are the fair they are the fair they are the operation of the shares of the they operated and they operated at the operation of the shares of the shares

being the clanking of the tails. Cargoes composed of packages are handled so cosily and non-leferal that you are hardled so cosily and non-leferal that anything spe-clar is being done, set they load shirs at both Hamburg and Antwerp in only a fraction of the time required at New York. Most of the cranes are made to lift enly moderate weights-of a few tons.

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free harbor was created in 1888; until the French and by the Austrians. It was same as those fulfilled by our own

By the seventh century ships from this port were visiting most of the German Ocean or North Sea ports, including those of England. America's discovery gave Antwerp a great impetus, but 1565, under Charles V. it had 125,009 inhabitants and was the most flourishing city in Christen-dom, surpassing even Venice. From that time until 150 its history was a succes-sion of ups and downs. It suffered from religious disturbances; it was overrun by the Spanlards, by

