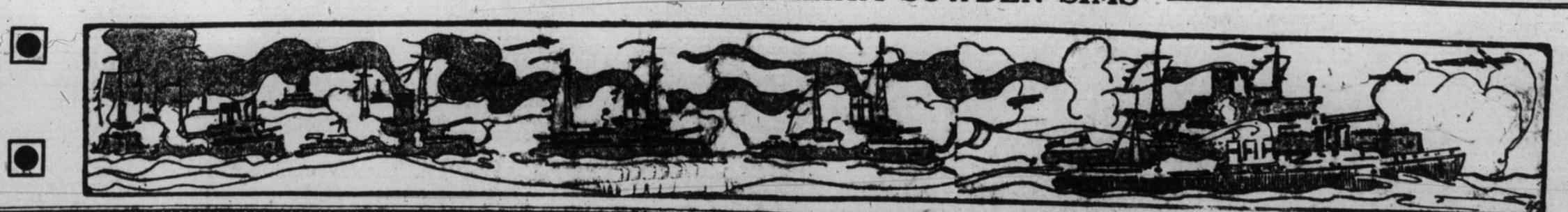
## VICTORY

By ADMIRAL WILLIAM SOWDEN SIMS



## Why We Began the Work learning the American steps. Amateur theatricals, in which both the men from the warships and the Scottish girls took part, cheered many a crew after its return from the mining into the country of William into the country of William

value an an anti-submarine weapon, this branch of the service began to receive more respectful attention. Captain Belknap's work, however, merely provided the nucleus out of which the great American mine force was developed. The "active front" of our mine-laying squadron was found in the North Sea; but the initial neadquarters lay in a dozen shipyards and several hundred manufacturing plants in the United States.

We began this work with practically nothing; we had to obtain ships and transform them into mine-layers, to enlist and to train their crews; to manufacture at least 100,000 mines to create bases both in the United States and Scotland; to transport all of our supplies more than 3,000 miles of wintry sea, part of the course lying in the submarine zone; and we had to do all this before the real business of planting could begin. The mere fact that the Navy made contracts for 100,000 of these new mines, before it had had the opportunity of thoroughly testing the design under service conditions shows the great faith of the Navy Department in this new invention. More than 500 contractors and sub-contractors, located in places as far west as the Mississippi River, undertook the work of filling this great order. Wire rope mills, steel factories, foundries, machine shops, electrical works, and even candy makers engaged in this great operation; all had their troubles with labor unions, with the railroads, and with the weather-that was the terrible winter of 1917-18; but, in a few months, train loads of mine cases—great globes of steel—and other essential parts, began to arrive at Norfolk, Virginia. This port was the place where the mine parts were loaded on ships and sent abroad. sels; two of them were the Bunker The plant which was ultimately con- Hill and the Massachusetts, which for | structed at this point was able to han- years had been "outside line" boats, dle 1,000 mines a day; the industry running from New York to Boston; was not a popular one in the neigh- all had dropped the names which had borhood, particularly after the Hali- served them in civil life and were refax explosion had proved the destruc- christened for the port part with tive powers of the materials in which names which eloquently testified to it dealt. Yet in a few months this their American origin-Canoscus, establishment had handled 25,000,000 Shawmut, Quinnebaug, Housatonic, pounds of TNT. The explosive was Saranac, Roanoke, Aroostook and melted in steel kettles until it reach- Canadaigua. This change in name ed about the density of hasty pud-ding. With the aid of automatic de-vices it was then poured into the mine terations, the ships bore few resemcases, 300 pounds to a case, and blances to their former state. The thence moved on a mechanical concabins and saloons had been gutted, veyor to the end of the pier. Twenty- leaving the hulls little more than four cargo vessels, for the most part empty shells; three decks for carry-taken from the Great Lakes, carried ing mines had been installed; on all these cargoes to the western coast of these decks little railroad tracks had Scotland. Beginning in February, been built on which the mines could 1918, two or three of these ships sail- be rolled along the lower decks to ed every eight days from Norfolk, the elevators and along the upper armed against submarines and man- mine deck to the stern and dropped ned by naval crews. The fact that into the sea. Particularly novel dethese vessels were slow made them an easy prey for the under-water enemy; layers, were the elevators, the purpose, indeed, was sunk, with the loss pose of which was to bring the mines of forty-one men; regrettable as was this mishap, it represented the only serious loss of the whole expedition.

The other vital points were New
The other vital points were Newport, Rhode Island, where the six mine-layers were assembled; and weighed anchor and started for their destination in Scotland. Already our

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"BAYER"

During the two years preceding the on the western coast of Scotland, Navy had selected as bases the parts Captain Belnap, describing his first liam Wallace and Robert Burns. Great our part was much the larger. The crowds gathered to witness the proposal was to construct this explosthe first time into the country of Wil- of the American and British navies, the operation. war, Captain Reginald R. Belknap commanded the mine-laying squad-ron of the Atlantic Fleet; although his force was small, consisting principally of two antiquated warships, the Baltimore and the San Francisco, and improvement over anything which the Baltimore and the San Francisco, and improvement over anything which the Baltimore and the San Francisco, and improvement over anything which the stretched, smooth and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with as much and cool wide away to the cast and playing the game with the sum and cool wide away to the cast and playing the game with as much and cool with the sum and cool with Captain Belknap performed his duties had been hitherto employed in such a from Inverness the Caledonian Canal and cool, wide away to the east and playing the game with as much en- from the Orkneys to 3 degrees east tion may be made. Published by conscientiously and ably, and his lit- service. At this point I wish to ex- runs to Fort William. These two south, and in the distance snow-cap- thusiasm and cleverness as our own longitude, was the American field, special arrangement with the Mctle squadron therefore gave us an excellent foundation on which to build.

The service. At this point I wish to express my very great appreciation of transportation lines—the Highland cellent foundation on which to build.

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The service is a sour own transportation lines—the Highland cellent foundation of the cellent foundation of the cellent foundation of the service is a sour own transportation of the cellent foundation Before the World War, the business ed by Captain Belknap. An organizer served as connecting links in our com- view along the sloping shores into the made the most favorable impression. taken over by the British. Since an of mine-laying had been unpopular in of rare ability, this officer deserves munications. If we wish a complete interior of Black Isle, of noted ferthe American Navy as well as in the well of the nation for the conspicuous picture of our operation, we must call tility. Farther out were Avoch, a Inverness and Invergordon will ever the supervision of an officer of high British; such an occupation, as Sir part which he played in the develop- to mind first the hundreds of factories white-washed fishing village, and the remain a monumental tribute to the rank, Rear-Admiral Joseph Strauss,

British commander was Rear-Admiral

thirteen expeditions, or "excursions, as our men somewhat cheerfully call-

ed them. The ten mine-layers partici-

pated in each "excursion," all ten to-

gether laying about 5,400 mines at every trip. Each trip to the field of

action was practically a duplicate of the others; a description of one will;

therefore, serve for all. After days, and sometimes after weeks of pre-

paration the squadron, usually on a dark or misty night, showing no lights or signals, would weigh anchor,

slip by the rocky palisades of Moray Firth, and stealthily creep out to sea. As the ships passed through the nets and other obstructions and

reached open waters, the speed in-creased, the gunners took their sta-tions at their batteries, and suddenly

from a dark horizon came a group of

low, rapidly moving vessels; these were the British destroyers from the Grand Fleet which had been sent to

escort the expedition and protect it

from submarines. The absolute si-

lence of the whole proceeding was im-pressive; not one of the destroyers

showed a signal or a light; not one of the mine-layers gave the slightest sign of recognition; all these details

had been arranged in advance, and

everything now worked with complete precision. The swishing of the wa-

The mines were laid in a series of

Clinton-Baker, R.N.



## **Could Not Sleep**

Mr. Earnest Clark, Pelice Officer, 338 King St., Kingston, Ont., writes:

"For three years I suffered from nervousness and sleeplessness. I believe my condition was brought about by overwork. I had frequent headaches, neuralgic pains and twitching of nerves and muscles. I had indigestion, was short of breath and easily tired. I commenced a treatment of Dr. Chase's Nerve Food, and seven boxes of this medicine cured me of all my symptoms. I am now feeling one hundred per cent. better than I was, and have to thank Dr. Chase's Nerve Food for the good health I am now enjoying."

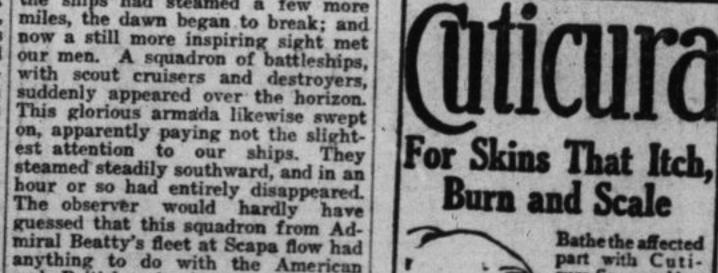
Dr. Chase's Nerve Food, 50 cents a box, 6 for \$2.75, all dealers, or Edmanson,



utes, will nip a cold in the bud will relieve the monthly pains of women, and in every case it Leaves you Feeling Good

BUMMER MONTHS BRING ASTRMA AND HAY FEVER, AND THESE DIS-TRESSING DISEASES NEED EFFED-TIVE TREATMENT. DR. J.D. KELLOGG'S

ABLE SMOKE, THE INHALING O WHICH PROMPTLY ALLAYS IRRITA-TION. A TRIAL WILL CONVINCE YOU OF ITS MERITS.

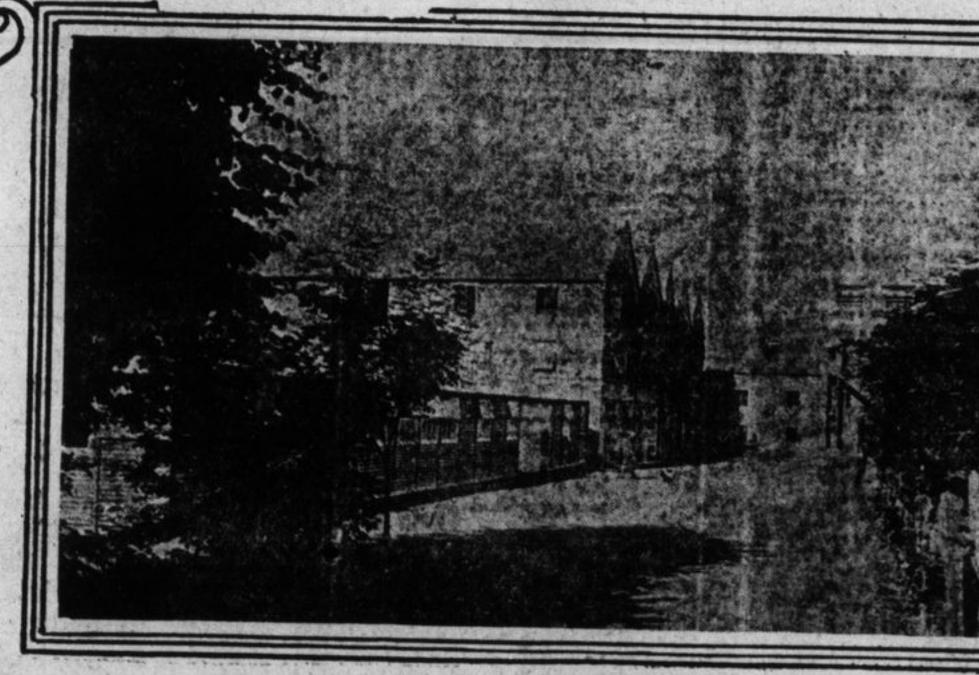


cura Soap and hot water. Dry gently cura Ointment. This treatment is usually best on rising and retiring. For every purpose of the toilet, bath and nursery the Cuticura Soap and Ointment are ideal. The Soap to cleanse and purify, the Ointand heal.

Soap 25c, Ointment 25 and 50c. Sold throughout the Dominion. Canadian Depot: Lymans, Limited, St. Paul St., Montreal. Cuticure Soap shaves without mug.



A RAINY DAY AT THE SCOTTISH BASE There was a time when mine laying was not recognized as a very creditable occupation for a sailor; some one pared this business with "rat-catching." But the war showed that high explosives under the water were a particularly useful anti-submarine device, and these jackies grew fond of their work and very proud of it.



ONE OF THE BASES IN SCOTLAND.

The old Highland towns of Inverness and Invergordon became the headquarters of several thousand Yankee barrage makers. These are among the most beautiful and romantic places in Scotland. The Highlanders gave our men the most cordial reception and the small boys even learned to play baseball.

to the docks and loading them on the cargo ships; then these ships quietly putting to sea, and, after a voyage of ten days or two weeks, as quietly slipping into the Scottish town of Fort William and Kyle; then trains of freight cars and canal boats taking the cargo across Scotland to Inverness and Invergordon, where the mines were completed and placed in the immense storehouses at the bases and loaded on the mine-layers as the necessity arose. Thus, when the

1918, are among the most famous in ods of relaxation as were permitted Scottish history and legend. Almost them on the excellent golf links and every foot of land is associated with tennis courts in the adjoining counmemories of Macbeth, Mary Queen of try; for the men dances were provided Scots, Cromwell and the Pretender. almost every evening, the Scottish The national anthem awoke me, says lassies showing great adaptability in

truction and their attendant mechanisms; then thousands of freight cars carrying them to the assembling plant at Norfolk, Virginia; then another small army of workmen at this point mixing their pasty explosives, heating it to a boiling point and pour-ing the concoction into the spherical steel cases; then other groups of men truction and their attendant mechanisms; then thousands of freight cars fore the battle. Substantial, but softened in outline by the morning haze, the Royal Burgh of Inverness covered as many as 20,000 at one time. It was here also that each secret firing device was assembled and installed, very largely by reserve personnel. As many as 12,000 mines were assembled in one day, which speaks very elegant to be a selected to handle 1,200 mines, but in reality captain Murfin successfully handled as many as 20,000 at one time. It was here also that each secret firing device was assembled and installed, very largely by reserve personnel. As many as 12,000 mines were assembled in one day, which speaks very elegant to be a selected to handle 1,200 mines, but in reality captain Murfin successfully handled as many as 20,000 at one time. It was here also that each secret firing device was assembled and installed, very largely by reserve personnel. As many as 12,000 mines were assembled in one day, which speaks very elegant to be solded to handle 1,200 mines, but in reality captain Murfin successfully handled as many as 20,000 at one time. It was here also that each secret firing device was assembled and installed, very largely by reserve personnel. As many as 12,000 mines were assembled in one day, which speaks very elegant to be solded to handle 1,200 mines, but in reality captain Murfin successfully handled as many as 20,000 at one time. It was here also that each secret firing device was assembled as many as 20,000 mines were assembled in outline by the morning haze. steel cases; then other groups of men moving the partially prepared mines to the docks and loading them on the of the engine, no throbbing pumps."

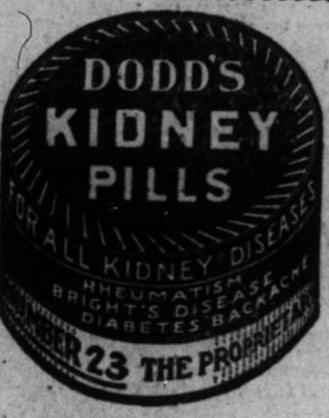
Ine Canandaigua and the Sonoma lay many as 12,000 mines were assembled in one day, which speaks very eloquently for the foresightedness with suddenly appeared over the horizon. This glorious armada likewise swept

and loaded on the mine-layers as the necessity arose. Thus, when the le organization was once establon a working basis, we had errupted communications and a minuous flow of mines from the American factories to the stormy waters of the North Sea.

Famous Towns

The town in which our officers and men found themselves in late May, 1918, are among the most famous in of the Highlands, far removed from theatres and moving picture houses, would have been a serious one had it not been for the cordial co-operation of the people. The spirit manifested during our entire stay was evidenced on the Fourth of July, when all the shops and business places closed in honor of American Independence Day and the whole community for miles around joined our sailors in the celebration. The officers spent such periods of relaxation as were permitted

The Serious Work. But, of course, baseball and danc-



steamed steadily southward, and in an hour or so had entirely disappeared. The observer would hardly have guessed that this squadron from Admiral Beatty's fleet at Scapa flow had anything to do with the American and British mine-layers. Its business, however, was to establish a wall of steel and shotted guns between these forces and the German battle fleet at Kiel. At one time it was believed that the mine forces on the northern barrage would prove a tempting bait to the German dread-naughts; and that, indeed, it might induce the Germans to risk a second general engagement on the high seas.
At any rate, a fleet of converted excursion steamers, laying mines in the North Sea, could hardly be left exposed to the attacks of German raiders; our men had the satisfaction of knowing that while engaged in their engrossing if unenviable task, a fleet of British or American battleships-for Admiral Rodman's forces