

# **GAS AND FLAME IN MODERN WARFARE**

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Gas and flame in modern warfare by S. J. M. Auld

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**S. J. M. AULD**

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MODERN WARFARE**





Lieut. W. G. Thayer, of the Gas Defense Division, U. S. Army, is the artist of the drawing here reproduced which was designed for the purpose of bringing home the necessity of care in all that pertains to the use and manufacture of the gas mask.

In order to impress upon the soldier in training the need of care and speed in adjusting the mask in case of gas attack, the poster was printed with this wording:

**KEEP YOUR HEAD; HOLD YOUR BREATH,—  
BE QUICK!!**

**AND THIS WON'T HAPPEN TO YOU**

That the workers engaged in the manufacture of gas masks might realize the importance of care and flawlessness in their work, the same poster was placed in the factories with a legend reading:

**THE FINAL INSPECTOR**

# GAS AND FLAME

## IN MODERN WARFARE

BY  
MAJOR S. J. M. AULD, M.C.  
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FRONTISPIECE BY  
W. G. THAYER

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## PUBLISHER'S NOTE

Need for the education of vast numbers of men in various branches of Gas Service and those in camps on the position of Gas Warfare at the front, has made imperative the publication of this book, as has also the need of educating the public, owing to the many misleading newspaper reports, sometimes merely misinformative, sometimes distinctly mischievous, appearing from time to time.

Major Auld, chemist and teacher before the war, and as he modestly styled it, "amateur soldier," volunteered for service at the front as a "Territorial," at the very outset of the conflict.

Some months after the first gas attack, he was taken into the Gas Service, owing to his training and ability as a chemist, and later became Chief Gas Officer to Sir Julian Byng's Army. He was awarded the Military Cross after the Battle of the Somme, and was wounded in an expedition into No Man's Land to observe the effect of a British Gas attack. He has therefore been in touch with gas warfare from the beginning and knows all phases.



As the natural consequence of all this, the Government of the United States welcomed him as the representative of Great Britain in its counsel to America on all aspects of gas warfare. In this official capacity the Major has been engaged here assisting in organization and development of training, research and production aspects of Gas, and lecturing at camps, the War College, and West Point.

The American Gas Service has, for all these reasons, deemed the publication of Major Auld's experiences very desirable.

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