

The strange history of a Prussian, appointed to enroll recruits. The of fortune who enlisted in the eagerness to enlist can only be explained by his desperate straits, for service of the Dutch East India Company, and rose to a position of wealth the pay was miserable and the prosand influence at the Cape in the first pects poor. Nevertheless, the doors half of the eighteenth century, was of the East India House were berecently brought to light by the Van sieged by hundreds of despairing Riebeeck Society of Cape Town. The men who fought like wild beasts for anuscript, excellently translated admission. Europe at this time

historically correct, but the inac-

in which it seems there was plenty

permitted to send him money.

Allemann's career was curiously

of crooked dealing.

rarely fulfilled, for the Company was The hero of the story, Herr Ru- a close oligarchy, and gains, honest dolph Siegfried Allemann, owes his or dishonest, fell to few except highbiography to Mentzel, also a German placed officials; to most enlistment and a soldier of fortune, who came meant but the immediate staving off to the Cape in the Company's service. of starvation. The test for the re-In time he became tutor to Alle- cruit was not exacting, and Allemann mann's children, and writes from an who picked up a musket in the apintimate knowledge of official circles, proved Prussian manner, was accepted without further proof of his military knowledge. He was fortunate in being told of He had to buy himself a new outfit, adventurous. He began life as a for service at the Cape, where the and his healthy appetite had increaslieutenant in the army of Frederick climate was healthy, and pay slight-William I. of Prussia, and having ly better than in Batavia, but even been slandered to his master, he there it was so poor that he could thought it advisable to ride across the | hardly feed himself out of his earnfrontier before he was arrested. He ings. It is true that his biographer afterwards wrote asking leave to re- tells us with an amusing simplicity turn and make his defence, but re- that the fresh vegetables and dellceived no answer, nor was his family cate Cape mutton tempted our hero to live somewhat generously while he His plight was serious, and he was was a member of the Castle forces, obliged to sell his uniform and his but good trencherman as he appears horse, and eventually arrived in Am- to have been, he was of sober habits

sterdam without a penny in his pock- and ran up no heavy scores at the et. Like many another soldier who tavern. had fallen on evil days, he decided to Hoping to better his position, he enter the service of the Dutch East accepted an offer to become one of India Company, and thanks to the the Governor's huntsmen, who had good offices of a friend, he was ad- full leave to roam all over the counmitted by a private entrance to the try provided they sent a regular suproom where sat the Commissioners ply of game to the Castle kitchen barn on the Company's estate, where



tate to that of liquid. This ght about by a special appar sed in it to som 192 degrees below freezing-point. This, funnily enough, is also rature at which liquid at It has been the means of sa many lives in mine explosions. in such cases oxygen has to nediately in great quantity

ears ago scie

200

Yo

har

The method previously employed, the of lowering tubes of oxygen, was very slow and ge using liquid air, however, nly can larger supplies of the mus

needed oxygen be conveyed n easily and in quicker time, but. unbreathable gases formed after use are in far smaller quantities the when the old method was used, Aihman also use it. At certa altitudes where the air is so thin the artificial breathing apparatus is new esary, liquid air is caused to evapor and the gas formed goes into a breath ing bag and through a tube to pilot's mouth.

Recently this wonderful liquid h den put to a further use. It sats actorily replaces dynamite as an e plosive—in fact, it proved better. it is not so dangerous to use as d

In Middlesex an eight feet dian tree-trunk, which would have tak two men over a week to saw. blown up by this means.

Explosion made with liquid air e prepared on the spot where the to be used. The Ilquid is conveyed special vacuum flasks to keep it. far as possible, at its exceedingly

Laboratory workers and special ilso use liquid air to help them i collecting scattered particles of uable, radium and mercury after (eriments are operation. It collect these minerals as a mag