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UNITED STATES PATENT OFFICE.

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LIQUID FUEL.

No Drawing. Application filed February 4, 1925, Serial No. 6,876. and in Germany February 4, 1924.

The invention relates to an improved liquid fuel which offers great advantages and which consists of butane either alone or in mixture with a butylene in a liquid condition as it can be obtained by compression. The new fuels can be readily vaporized and excel by a moderate tension in a liquid condition and a high calorific power and they can be used for example for lighting, for welding and cutting metals, as a fuel for internal

combustion engines and for other purposes. Butylene can be prepared in various isomeric forms for example by catalytically dehydrating butyl alcohols.

I claim:

Liquid fuel consisting of a liquefied mixture of butane and butylene.

In testimony whereof I have hereunto set my hand.

MARTIN MÜLLER-CUNRADI.

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