

UNITED STATES PATENT OFFICE.

JONAS EMIL BLOMÉN, OF LANDING, NEW JERSEY, ASSIGNOR TO THE
BLOMÉNITE MANUFACTURING COMPANY, OF NEW YORK, N. Y.

METHOD OF MAKING BLASTING COMPOUNDS.

SPECIFICATION forming part of Letters Patent No. 495,178, dated April 11, 1893.

Application filed January 28, 1892. Serial No. 419,565. (No specimens.)

To all whom it may concern:

Be it known that I, JONAS EMIL BLOMÉN, of Landing, in the county of Morris and State of New Jersey, have invented a new and useful Improvement in Methods of Making Blasting Compounds, of which the following is a specification.

My invention relates to an improvement in making blasting compounds with a view of increasing their explosive power and reducing the cost of production.

The invention consists in dissolving picric acid and a hydrocarbon in alcohol in separate vessels, mixing the two solutions together and thereby precipitating picrated hydrocarbon and finally dissolving the picrating hydrocarbon in nitro-glycerine.

In practice equal quantities of picric acid and of naphthalene may be dissolved in hot alcohol. The two solutions may then be mixed, and the picrated naphthalene, insoluble in alcohol, will be precipitated. The picrated naph-

thalene may then be dissolved in nitro glycerine, and the solution, picrated nitro glycerine, will be found to be an explosive liquid 25 believed to possess higher power than nitro glycerine and possessing the same solvent properties.

While I have specified naphthalene as the preferred hydrocarbon, other forms, such for 30 example as benzole and tolulol might be employed.

What I claim is—

The method of forming a blasting compound consisting in first dissolving picric acid and 35 a hydrocarbon separately, then mixing the solutions, and finally dissolving the picrated hydrocarbon, resulting from the mixture, in nitro-glycerine, substantially as set forth.

JONAS EMIL BLOMÉN.

Witnesses:

FREDK. HAYNES,
I. B. DECKER.