

# UNITED STATES PATENT OFFICE.

CONRAD HEINRICH ANTON NOORTWYCK, OF BERLIN, GERMANY.

## REMEDY FOR DIPHTHERIA.

SPECIFICATION forming part of Letters Patent No. 398,435, dated February 26, 1889.

Application filed August 13, 1888. Serial No. 282,628. (No specimens.)

*To all whom it may concern:*

Be it known that I, CONRAD HEINRICH ANTON NOORTWYCK, a subject of the King of Prussia, German Emperor, residing at Berlin, Germany, have invented a new and useful Composition of Matter to be Used as a Medicament against Diphtheria, of which the following is a specification.

My composition consists of the following ingredients, combined in the proportions hereinafter stated, viz: (a) sulphuret of potassium, one kilogram; (b) anhydrous alcohol, five kilograms; (c) tar from resinous fir wood, one kilogram; (d) birch-tar, one-fourth ( $\frac{1}{4}$ ) kilogram; (e) Siberian castor, fifteen grams.

In the first place, sulphuret of potassium and anhydrous alcohol are mixed, allowing this solution to remain alone for at least forty-eight hours. The fluid resulting from such solution is then poured into another vessel and here mixed first with tar from resinous fir wood and then with birch-tar. It is absolutely required to precisely observe the quantities of ingredients above given, particularly that of birch-tar. This done, Siberian castor is mixed with ordinary alcohol and added to the other ingredients in the solution. No water is required. These ingredients are to be mixed by agitation.

In cases where diphtheria is still in its first

stages, and in case of children of four to twelve years, thirty-five (35) drops in a table-spoon half full of water are to be administered to the child every two hours; also during the night. In case of children of one to four years, twenty (20) drops are administered in a spoonful of water. If the child has had diphtheria for several days, so that apprehension prevails that the larynx has thereby been already affected, (indicated by hoarseness,) every fifteen (15) minutes five drops may be given in a spoonful of water. As soon as improvement shows itself, a like quantity may be given every thirty (30) minutes. The child must be allowed time to swallow the medicine slowly down. In case of adults, four to six full teaspoonfuls thereof, with or without water, are required.

What I claim, and desire to secure by Letters Patent of the United States, is—

The herein-described composition of matter to be used as a useful reliable remedy against diphtheria, consisting of sulphuret of potassium, anhydrous alcohol, tar from resinous fir wood, birch-tar, and Siberian castor, in the proportions specified.

CONRAD HEINRICH ANTON NOORTWYCK.

Witnesses:

B. ROI,  
CARL ROI.