

# UNITED STATES PATENT OFFICE.

HIRAM A. S. PARK, OF INDIANAPOLIS, INDIANA.

## DETERGENT AND PROCESS OF PRODUCING SAME.

SPECIFICATION forming part of Letters Patent No. 583,711, dated June 1, 1897.

Application filed May 1, 1895. Serial No. 547,743. (No specimens.)

*To all whom it may concern:*

Be it known that I, HIRAM A. S. PARK, of the city of Indianapolis, county of Marion, and State of Indiana, have invented a new  
5 and useful Compound for the Introduction into Detergent Compounds, and which compound is fully set forth and described in the following specification.

My invention relates to that class of composition of matter known as "detergent compounds;" and it consists of a new process of producing the same from the following ingredients—namely, hyposulfite of soda, carbolic acid, and water. These are formed into a  
15 crystalline compound or salt by the following process: Put a concentrated solution of carbolic acid crystals, four fluid drams; hyposulfite of soda crystals, sixteen ounces; soft water, sixteen ounces, into a porcelain vessel  
20 and heat until the soda is dissolved. Then add the carbolic-acid solution and stir while boiling until reduced to one-third less the original bulk in the vessel. Then remove from the fire to a cool place to crystallize. The  
25 crystals are then ready for use and may be formed into a solution of any strength by add-

ing water to suit the purpose, or they may be added to soap pastes, detergent solutions, or used for therapeutic and disinfecting purposes.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The process of producing a compound for use in detergents which consists in mixing solutions of hyposulfite of soda, and carbolic acid, and evaporating the resulting product until the solution on cooling deposits crystals substantially as described.

2. The new product herein described obtained by mixing solutions of hyposulfite of soda, and carbolic acid, evaporating the same to the point of crystallization and separating the deposited crystals substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HIRAM A. S. PARK.

Witnesses:

JAMES W. GOOD,  
GEORGE R. PARK.