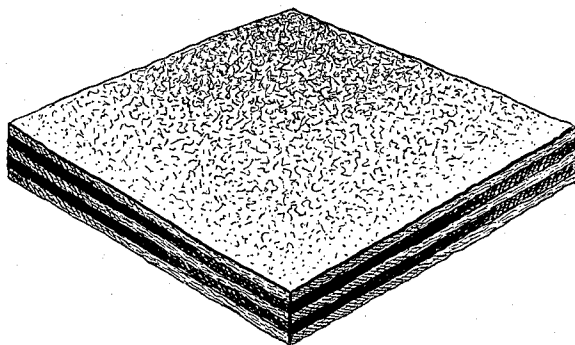


(No Model.)

P. HARTMANN.
WOOD WOOL WADDING.

No. 358,610.

Patented Mar. 1, 1887.



WITNESSES:

Frederick Rosenbaum
Ludwig Mann

INVENTOR

Paul Hartmann
BY *Joseph Raegner*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

PAUL HARTMANN, OF HEIDENHEIM, GERMANY.

WOOD-WOOL WADDING.

SPECIFICATION forming part of Letters Patent No. 358,610, dated March 1, 1887.

Application filed December 18, 1886. Serial No. 232,007. (No specimens.) Patented in England June 26, 1884, No. 9,463, and in Germany July 3, 1884, No. 30,824.

To all whom it may concern:

Be it known that I, PAUL HARTMANN, of Heidenheim, in the Empire of Germany, have invented certain new and useful Improvements in Wood-Wool Wadding, (for which Letters Patent have been granted to me in England, No. 9,463, dated June 26, 1884, and in Germany, No. 30,824, dated July 3, 1884,) of which the following is a specification.

This invention relates to an improved absorbent for surgical purposes, which is made from wood fibers and cotton; and the invention consists of an absorbent for surgical purposes, composed of alternating layers of cotton wadding and carded wood pulp.

The accompanying drawing represents a perspective view of my improved wood-wool wadding.

This new fabric, to which I have given the name of "wood-wool wadding," is made on any suitable wadding-machine by uniting alternating layers of wood-wool or carded wood pulp and cotton. The wood-wool is obtained by carding wood pulp on any suitable carding-machine, as will appear more fully by reference to the patent granted to me under date of

April 6, 1886, No. 339,291. A layer of wood-wool is deposited alternately on a layer of cotton until a wadding of suitable thickness is obtained. As wood-wool has a high capacity of absorption, it is advisable that the wadding contain as much wood-wool as possible, preferably in the proportion of seventy-five to eighty per cent. of wood-wool to twenty-five to thirty per cent. of pure cotton. I do not confine myself, however, to these proportions, as for different purposes different proportions may be employed.

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

An absorbent for surgical purposes, or wood-wool wadding, consisting of alternating layers of cotton and wood-wool or carded wood pulp, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

PAUL HARTMANN.

Witnesses:

FR. SCHMALZIGUNG,
JHR. HAERING.