

G. VINTSCHGER.

Picture Nails.

No. 136,566.

Patented March 4, 1873.

Fig. 1.

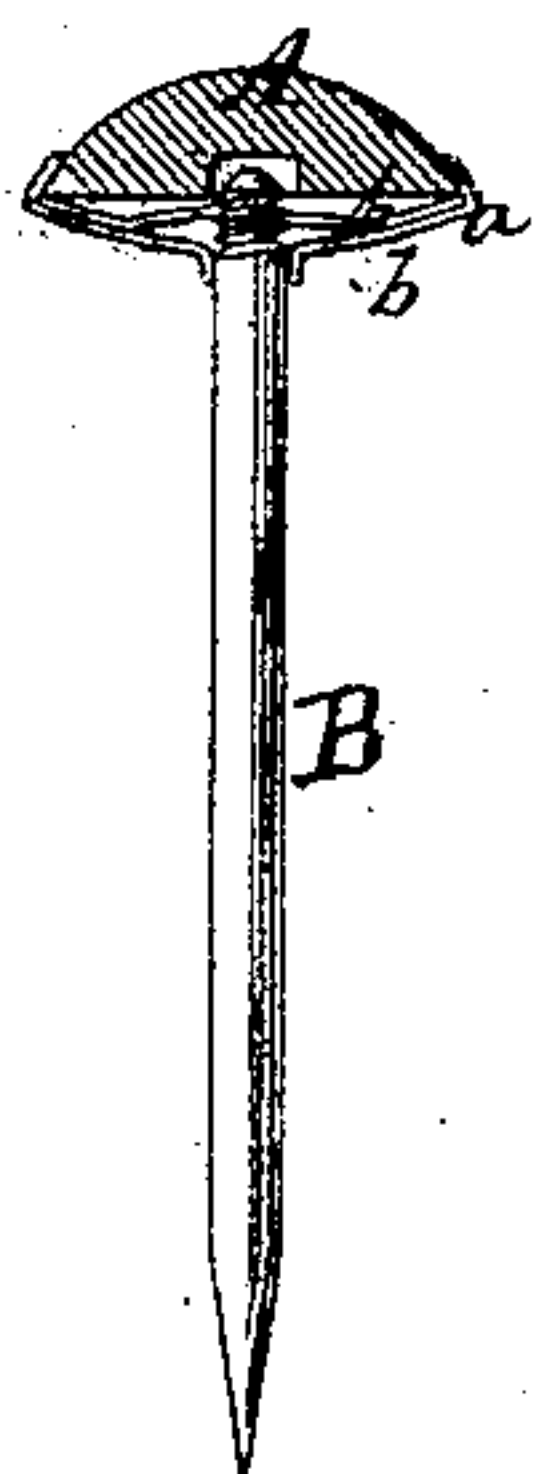


Fig. 2.

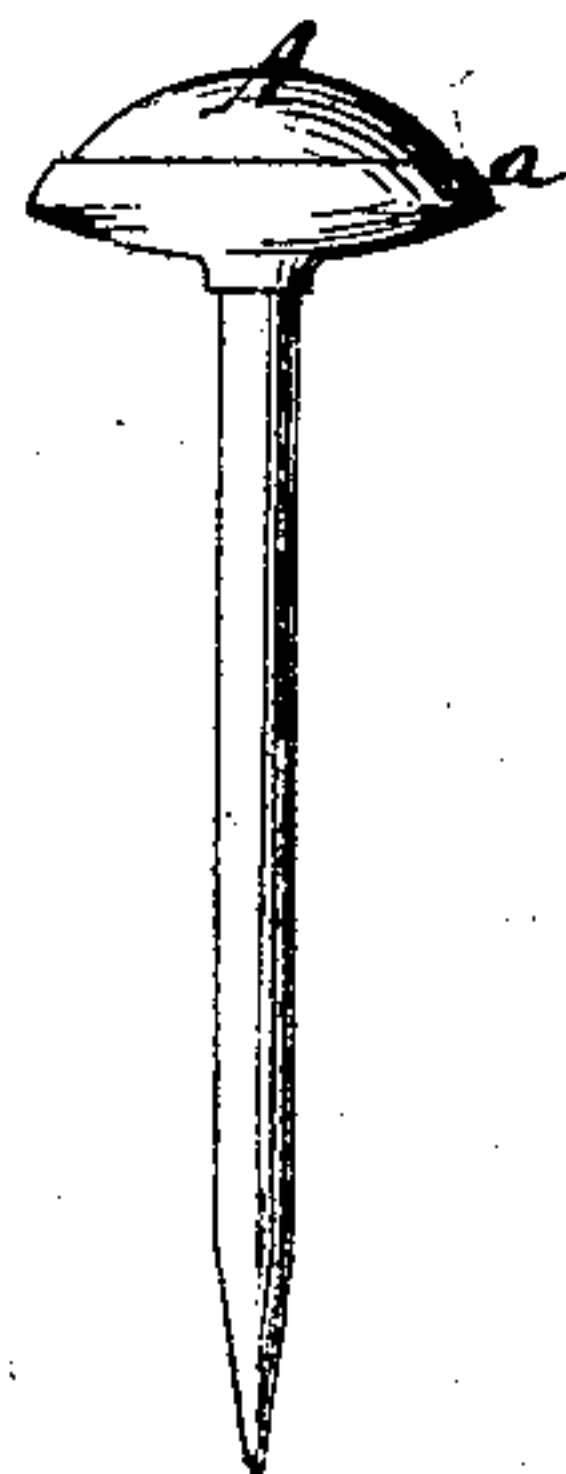
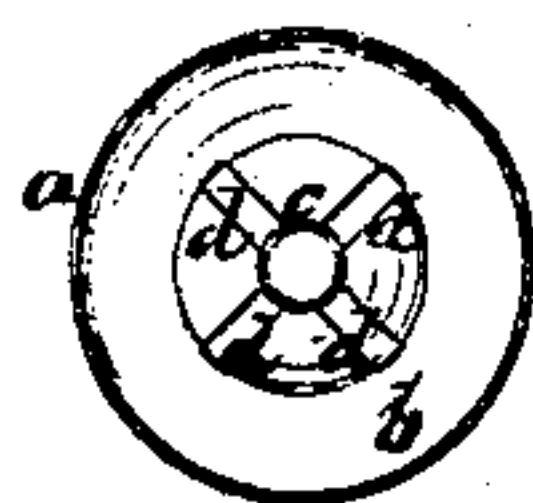


Fig. 3.



Witnesses.  
Ernst Bilhuber.  
C. Wählers.

Inventor.  
Gustav Vintschger  
per  
Van Santvoord & Hauff  
Attys

# UNITED STATES PATENT OFFICE.

GUSTAV VINTSCHGER, OF NEW YORK, N. Y.

## IMPROVEMENT IN PICTURE-NAILS.

Specification forming part of Letters Patent No. 136,566, dated March 4, 1873.

*To all whom it may concern:*

Be it known that I, GUSTAV VINTSCHGER, of the city, county, and State of New York, have invented a new and useful Improvement in Picture-Nails; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 represents a vertical central section of my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a plan or top view of the supporting-plate of the head.

Similar letters indicate corresponding parts.

This invention consists in a picture-nail having between its head and the plate which supports said head a disk of sheet metal, provided with a central hole and with a series of radial slots, the supporting-plate of the head being provided with a hole to guide the nail to the retaining-disk in such a manner that the segments situated between the radial slots of the retaining-disk engage with the screw-thread of the nail, and as the nail is inserted through the hole of the supporting-plate and turned round a firm connection is effected between the head and the nail.

In the drawing, the letter A designates the head of my picture-nail, which rests in the supporting-plate *a*, this plate being provided with a flange that is pressed over the edge of the head so as to effect a firm connection. Between the head and the supporting-plate is situated a disk, *b*, made of sheet metal, and provided with a central hole, *c*, (see Fig. 3,)

from which radiate a series of slots, *d*. The segments situated between these slots are slightly bent upward, (see Fig. 1,) and the hole *c* in the disk *b* is made of such a size that the inner edges of said segments engage with the screw-threads at the end of the nail B. The supporting plate *a* is provided with a central hole that forms a guide to conduct the nail to the hole in the retaining-disk; and it also serves to steady the head after the same has been screwed on the nail.

The retaining-disk *b*, as above described, is easily manufactured, and the inner edges of the segments between the radial slots *d* readily accommodate themselves to the threads of the nail whenever the head is applied to said nail; and, furthermore, by combining the guide-hole of the supporting-plate with the retaining-disk the connection between the head and the nail is firmly retained in position.

I do not claim a picture-nail having a circumferential groove near its head for interlocking with the spring ends of the base-plate that supports a porcelain cap, as such is not my invention; but

What I claim as new, and desire to secure by Letters Patent, is—

The retaining-disk *b*, provided with a series of radial slots, *d*, in combination with the supporting-plate *a*, head A, and screw-headed nail B, all the parts being constructed substantially in the manner herein shown and described.

GUSTAV VINTSCHGER.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.