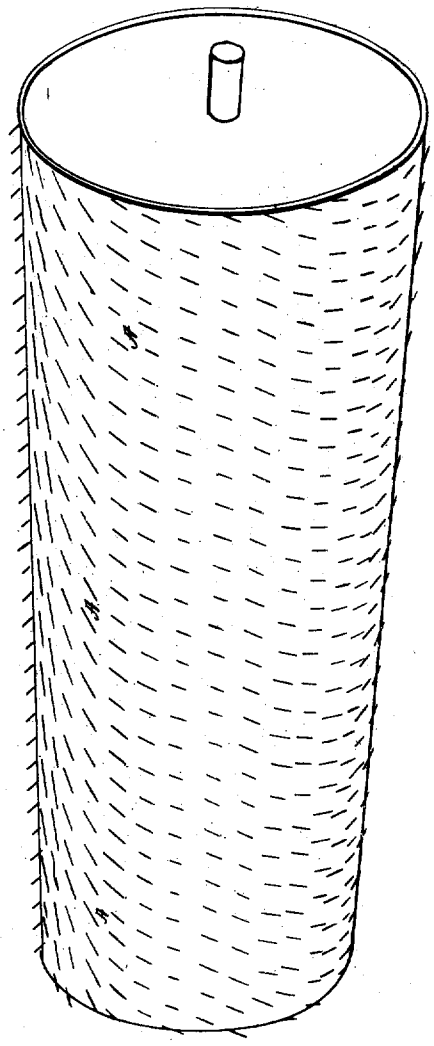
6191X

King & Blasdel.

Card Clothing.

Patented Oct. 14, 1830.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

Oct. 14. 1830 6191X 267.

Phineas L. Hing & Enoch Bladel
Letters Patent

The schedule referred to in these Letters Patent and making part of the same containing a description of the said Phineas L. Hing & Enoch Bladel themselves of their improvement in the Fancy card used in wool carding Machines

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To all persons to whom these presents shall come. Be it known that the Phineas L. Hing of Sparta Township and Enoch Bladel of Lawrenceburg Township in the County of Dearborn State of Indiana have made an "improvement in the Fancy Card used in wool carding Machines" And that the following is a description of the same. The Carding Machine to which this improvement is applied is constructed in every respect like those in common use. This improvement which we claim as our invention is in the Fancy Card for cleaning the main cylinder & doffer. Instead of the usual Fancy Card (which is of short wire) the one we have invented & applied to use is made of needles or long steel pointed wire both properly secured in leather behind by wire or any other suitable substance. Our Fancy Card constructed of needles or long steel pointed wire both, not only does the business of the common Fancy Card in a superior manner, but it cleans the main cylinder & doffer without tearing the cards, like the common fancy card. This improvement can be applied to all wool carding Machines. The invention here claimed is that of making Fancy Cards (as before described) of needles or long steel pointed wire both made of common wire substantially as used, instead of the short leather fancy cards now in use. In testimony that the above is a full & true description of our invention we have hereunto signed our names before two witnesses and made oath to the same at the City of Washington this 12th day of Oct. 1830.

Witnesses
William P. Elliot
Henry Hunt

Phineas L. Hing
Enoch Bladel

Oct. 14. 1830

(Robert H. Gholson Mayor)