

No. 845,320.

PATENTED FEB. 26, 1907.

C. A. SMITH.
PENCIL.

APPLICATION FILED DEC. 1, 1906.

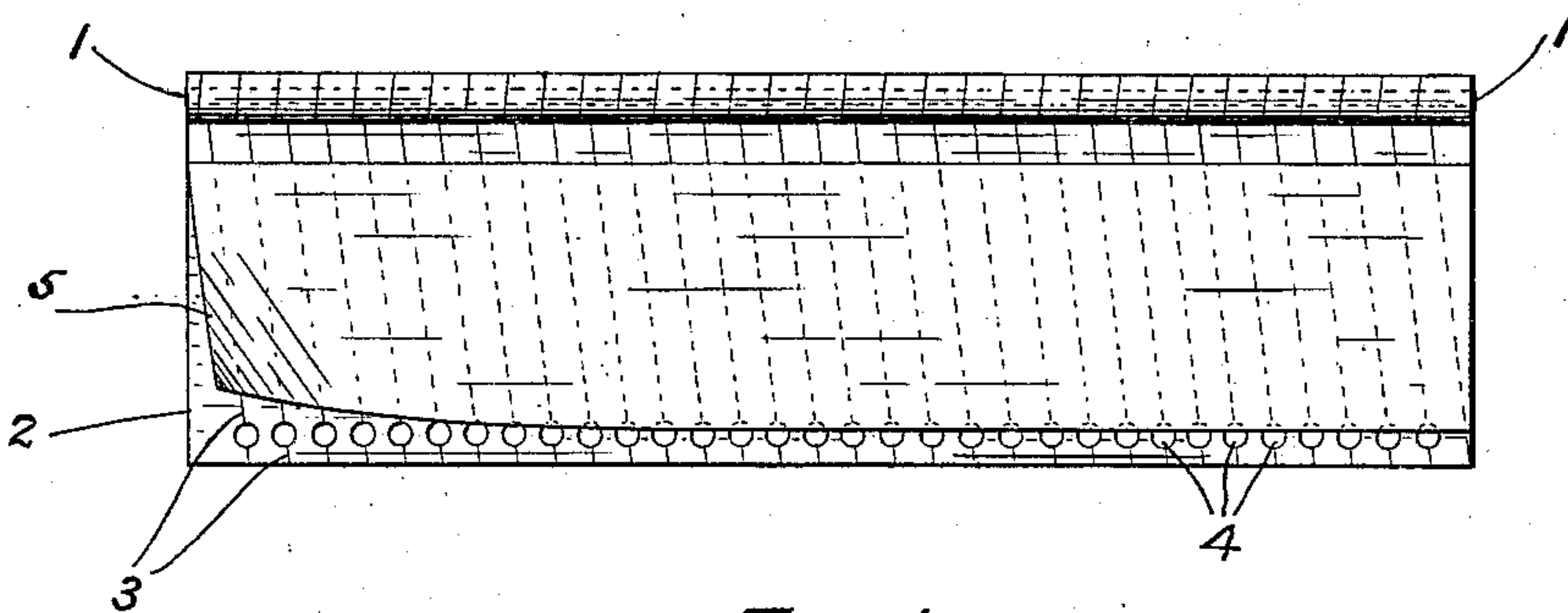


FIG. 1.

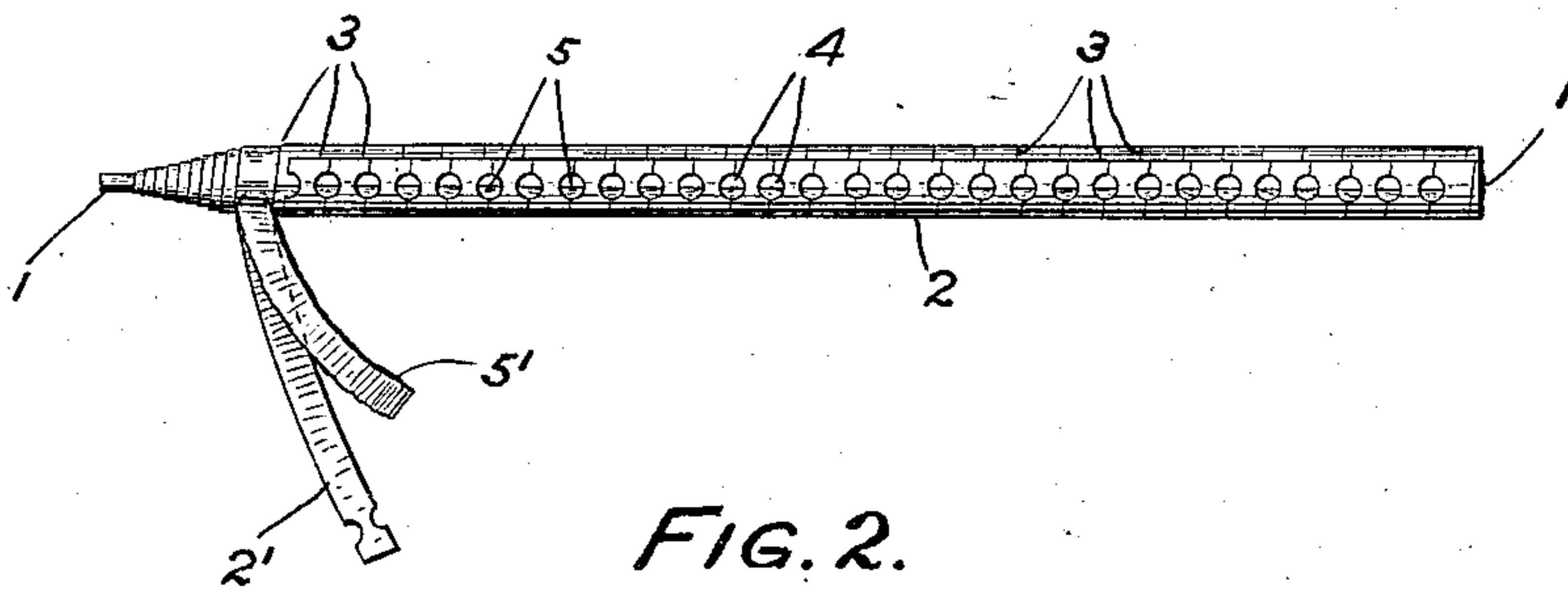


FIG. 2.

WITNESSES:

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CHARLES A. SMITH, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
BLAISDELL PAPER PENCIL COMPANY, OF PHILADELPHIA, PENN-
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PENCIL.

No. 845,320.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed December 1, 1906. Serial No. 345,892.

To all whom it may concern:

Be it known that I, CHARLES A. SMITH, re-
siding in the city of Philadelphia, county of
Philadelphia, and State of Pennsylvania,
5 have invented certain Improvements in Pen-
cils, of which the following is a specification.

This invention relates to pencils wherein a
sheet of fibrous material having weakened
lines is wound around the lead or crayon, so
10 that the pencil can be pointed by unwinding
an end strip of the material, which separates
from the body along the adjacent line of
weakness.

As heretofore constructed, the parallel di-
agonal-scoring lines spirally disposed when
wound cause the pencils to have an ob-
jectionable flexibility or weakness. It has been
proposed to correct this defect and provide
20 the requisite stiffness by coating the scored
paper with glue or like adhesive; but this
has proven unsatisfactory.

The present improvements avoid the de-
fects of the prior constructions by rolling an
independent sheet of material between the
25 laminations of the scored sheet, so that an in-
dependent unscored lamination lies between
adjacent scored laminations, providing stiff-
ness while tearing along the line of cleavage
of the strips unwound to point the pencils.

30 In the drawings, Figure 1 shows a pencil
wound with a scored sheet and an unscored
sheet laid in position to be wound within the
outer laminations thereof, and Fig. 2 shows
the finished pencil in process of being pointed.

35 The pencil is composed of the lead or crayon
1, around which is rolled the sheet 2, (prefer-
ably of fibrous material, as paper,) having
the slight'y-diagonal score-lines 3, with the
perforations 4 intersecting the lines along the
40 outer edge of the sheet. A sheet 5, pref-

erably of paper, is laid on and rolled with the
sheet 2, preferably between the outer lamina-
tions only, the section thus inlaid lapping and
strengthening the scored sheet along its lines
of weakness. The outer edge of the sheet 5 45
may be glued to the sheet 2, whose outer
edge is glued down, so that in starting a strip
2' a strip 5' of the sheet 5 will be lifted there-
with, the two being then unwound together
with the strip 5', tearing along the line of sep- 50
aration 3 of the strip 2' to point the pencil.

Having described my invention, I claim—

1. A pencil comprising a rolled sheet of
material having spirally-disposed lines of
weakness, and a second strengthening-sheet 55
rolled therewith between laminations thereof.

2. A pencil comprising a lead or crayon, a
sheet of scored fibrous material rolled there-
on, and a second sheet of fibrous material
rolled therewith between the outer lamina- 60
tions, said second sheet stiffening said pencil.

3. A pencil comprising a lead or crayon, a
sheet of fibrous material with lines of weak-
ness rolled thereon, and a second sheet of
fibrous material without lines of weakness 65
rolled within the outer laminations of said
first sheet.

4. A pencil comprising a lead or crayon, a
sheet of material with lines of weakness rolled
thereon, and a second sheet of material rolled 70
with said first sheet to strengthen it, the
outer edges of said sheets being glued.

In testimony whereof I have hereunto set
my name, this 24th day of November, 1906,
in the presence of the subscribing witnesses. 75

CHARLES A. SMITH.

Witnesses:

JOS. G. DENNY, Jr.,
CHARLES N. BUTLER.