

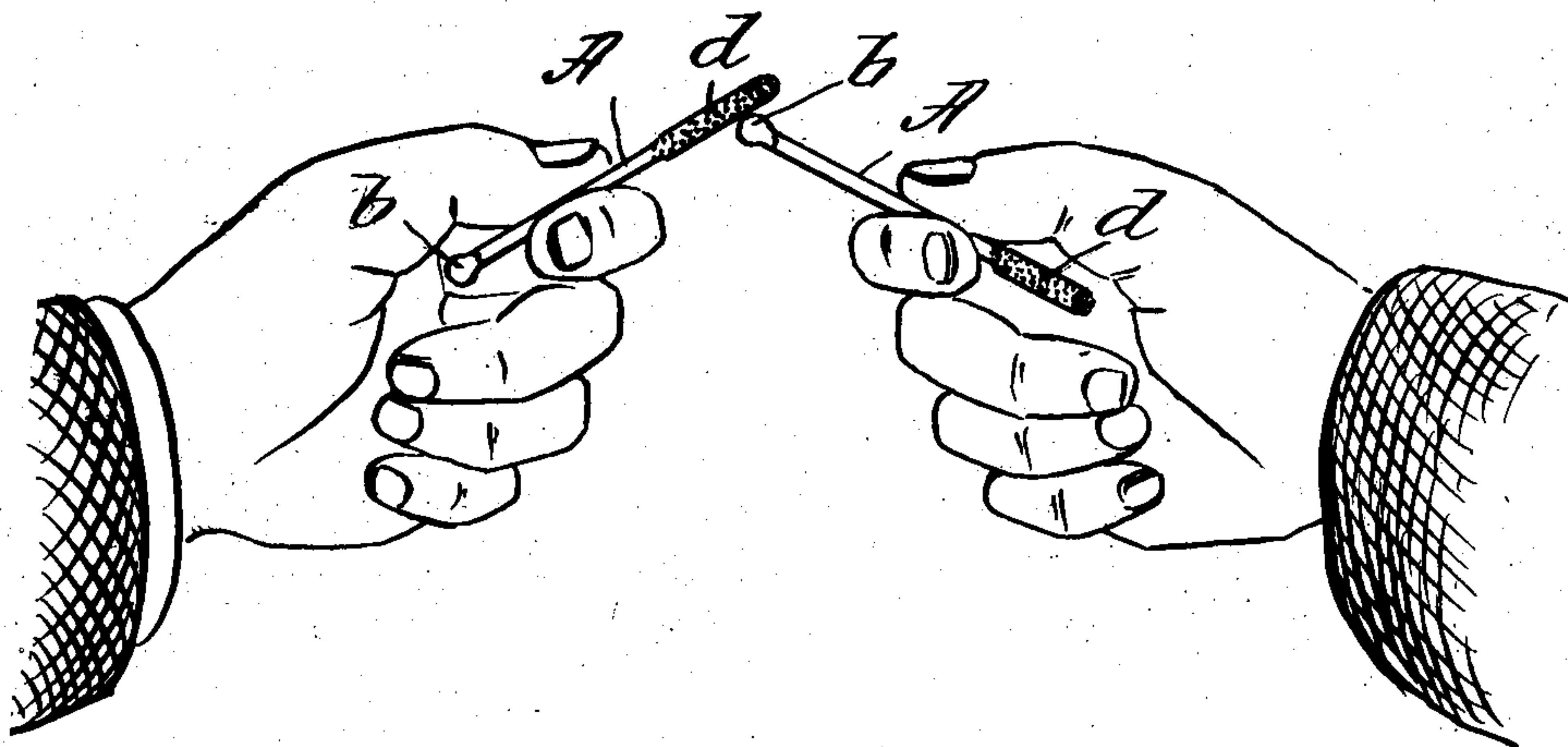
No. 834,094.

PATENTED OCT. 23, 1906.

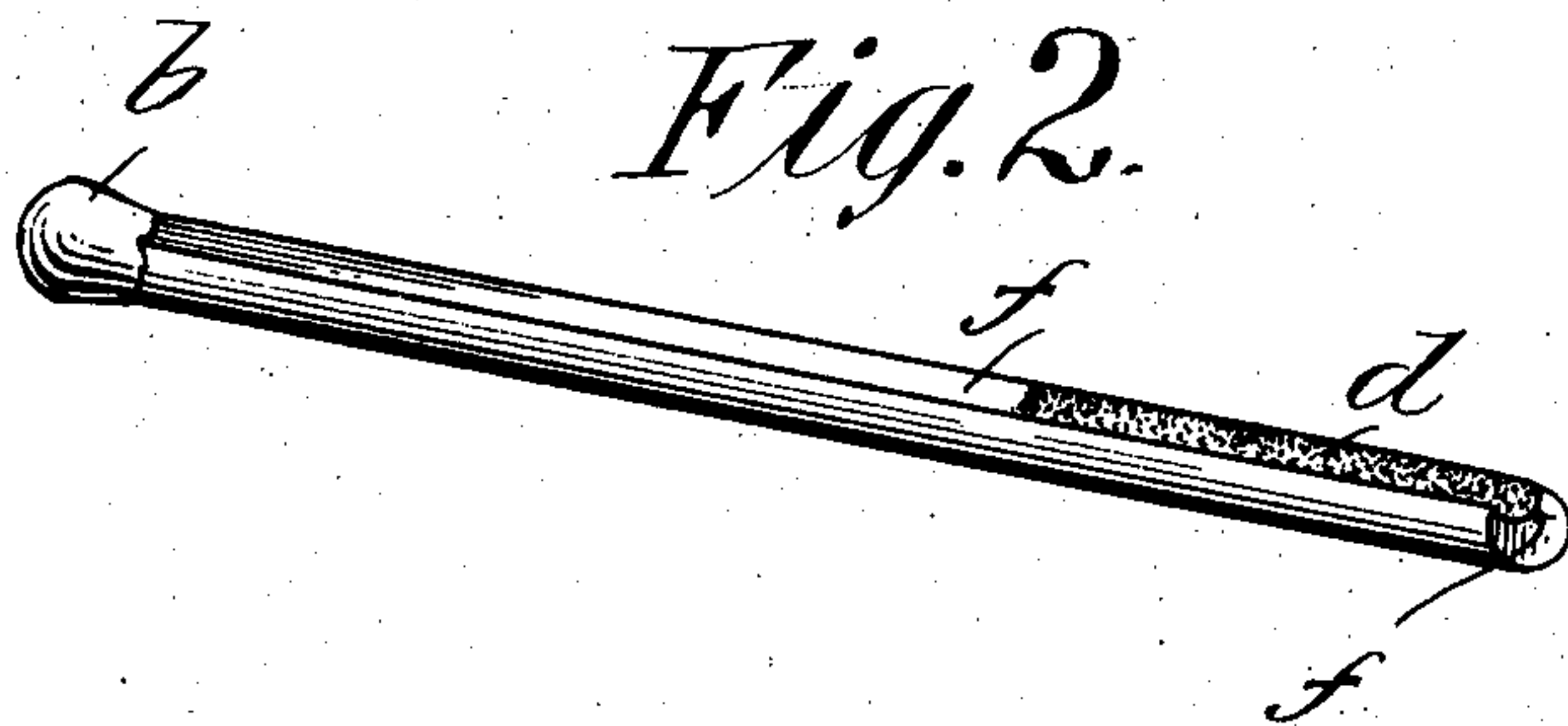
L. B. WEISSBROD.  
MATCH.

APPLICATION FILED DEC. 19, 1905.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

*J. W. Garfield*  
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# UNITED STATES PATENT OFFICE.

LUTHER B. WEISSBROD, OF GREENFIELD, MASSACHUSETTS.

## MATCH.

No. 834,094.

Specification of Letters Patent.

Patented Oct. 23, 1906.

Application filed December 19, 1905. Serial No. 292,469.

*To all whom it may concern:*

Be it known that I, LUTHER B. WEISSBROD, a citizen of the United States of America, and a resident of Greenfield, in the county of Franklin and State of Massachusetts, have invented certain new and useful Improvements in Matches, of which the following is a full, clear, and exact description.

This invention for improvement in matches, whether of the most ordinary simple friction or safety matches, consists in a match stick or splint having a lighting or ignition head and formed with a concaved or channeled portion at the rearward of said head and provided in such channeled portion with a surfacing of abrading or match-head-igniting material or composition.

As well known, many persons object to carrying a match safe or holder, notwithstanding the fact that such receptacle is usually provided with a match-striking surface, owing to the inconvenient bulk of any holder having the capacity for containing a satisfactory supply of matches, and hence the production of matches such as hereinabove characterized conduces to general convenience and satisfaction, especially from the capability of each and every one of the matches for affording a ready means of lighting another thereof.

In the accompanying drawings the improved match is illustrated.

Figure 1 is a perspective view showing two of the matches, one thereof being employed as the means for lighting the other. Fig. 2 is a perspective view, on an enlarged scale, of one of the matches comprising the present improvement.

In the drawings, A represents the match stick or splint, and b represents the lighting or ignition head thereof, the same being of any of the well-known match-head substances or combinations of substances.

d represents a surfacing along a portion of

the match to the rearward of the head of match-head-igniting material, which for use in conjunction with simple friction-matches may be sand, fine emery, or other material on which to strike a match, the same being rendered adherent on the match-stick by applying the adhesive and then before the glue it set applying the sand or other abrasive material.

In matches having safety-head the match-igniting surfacing d may be any of the commonly employed and well-known safety-match-igniting compositions, the same being retained on the match-stick by any proper adhesive, as manifest.

In Fig. 2 the match-stick is shown as constituted by a concaved or channeled portion f, essentially at a location suitably to the rearward of the match-head, and in this channeled portion the surfacing d of the match-head-igniting material, of whatever character thereof it may be elected to employ, is provided.

Matches made substantially as above described possess the advantages which are apparent, and, as stated, are conducive of convenience to the user in a measure which more than compensates for the very slight increase in cost of production.

I claim—

A match consisting of a stick or splint having a lighting or ignition head, and formed with a concaved or channeled portion at the rearward of said head and having in such channeled portion a surfacing of match-head-igniting material.

Signed by me at Springfield, Massachusetts, in presence of two subscribing witnesses.

LUTHER B. WEISSBROD.

Witnesses:

G. R. DRISCOLL,  
WM. S. BELLWS.