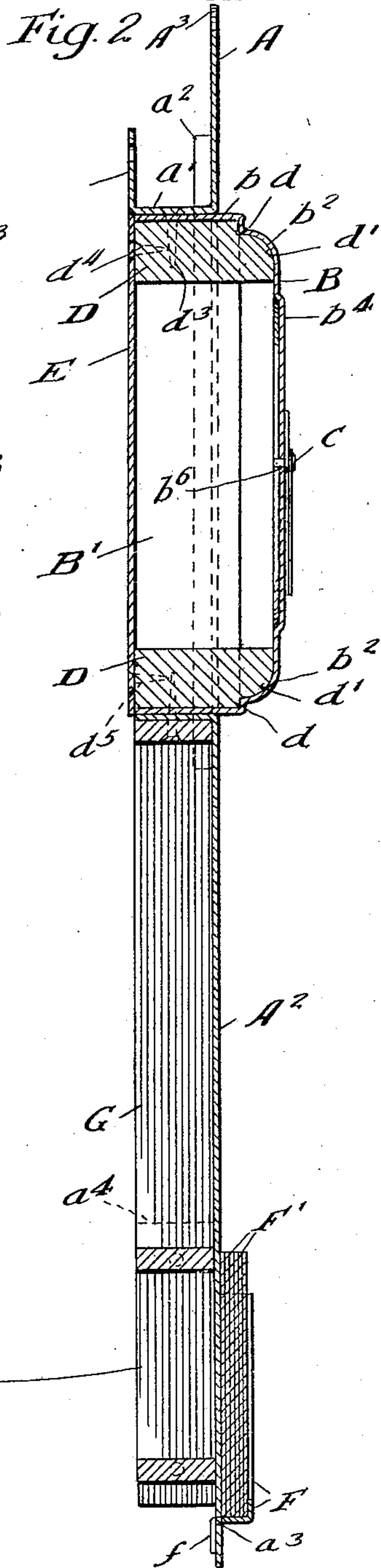
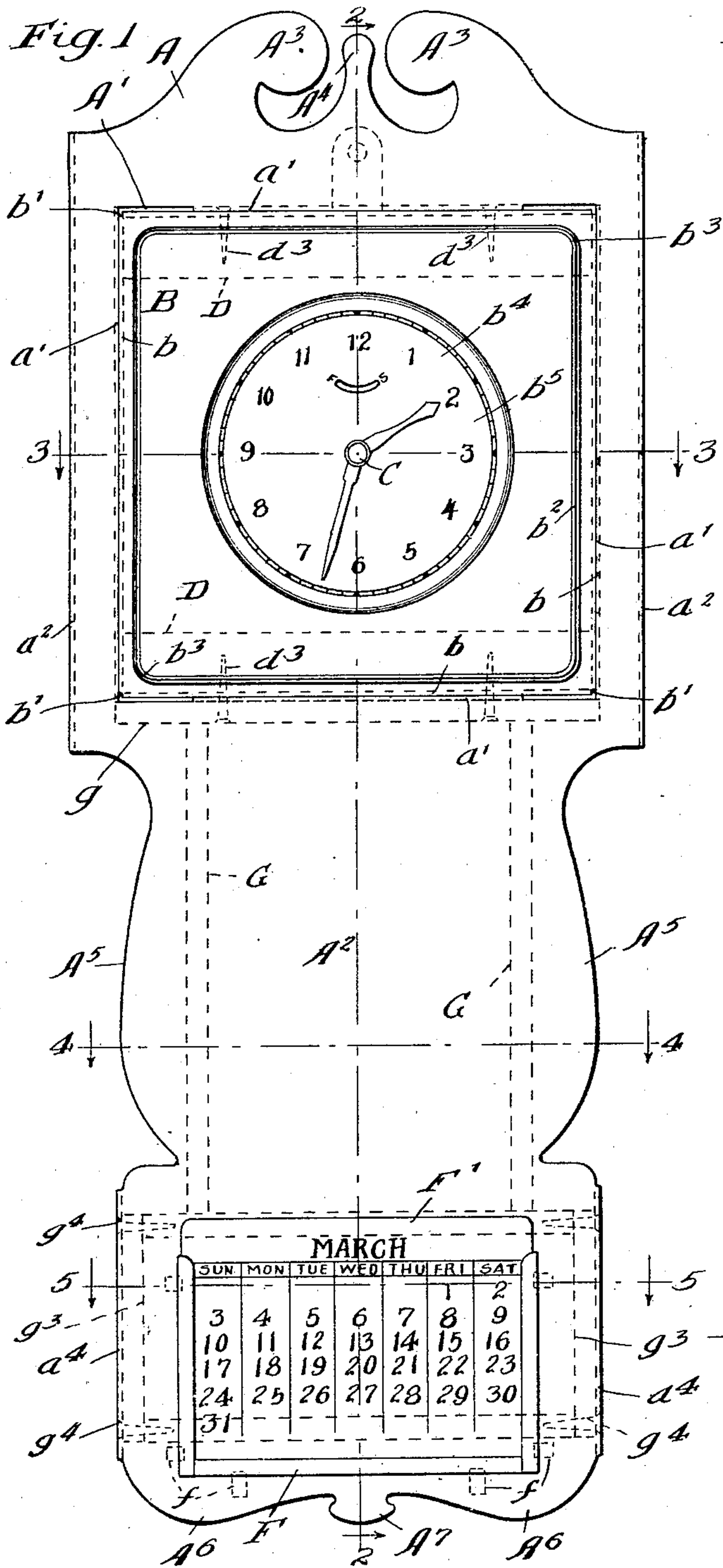


W. H. HALL.
SHEET METAL CLOCK CASE AND CALENDAR HOLDER.
APPLICATION FILED MAY 24, 1909.

929,940.

Patented Aug. 3, 1909.

2 SHEETS—SHEET 1.



Witnesses:

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H. W. Hunday

Inventor:
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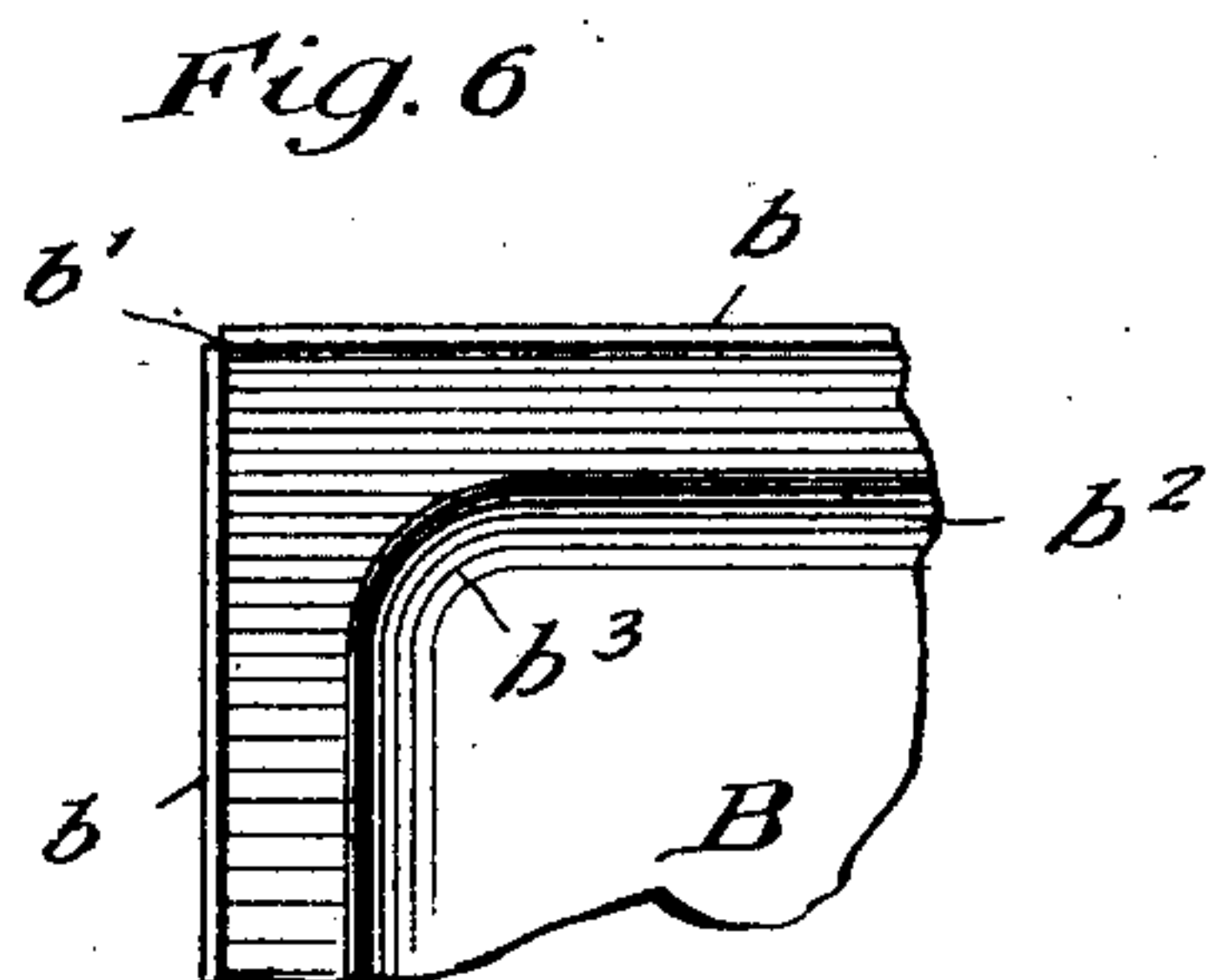
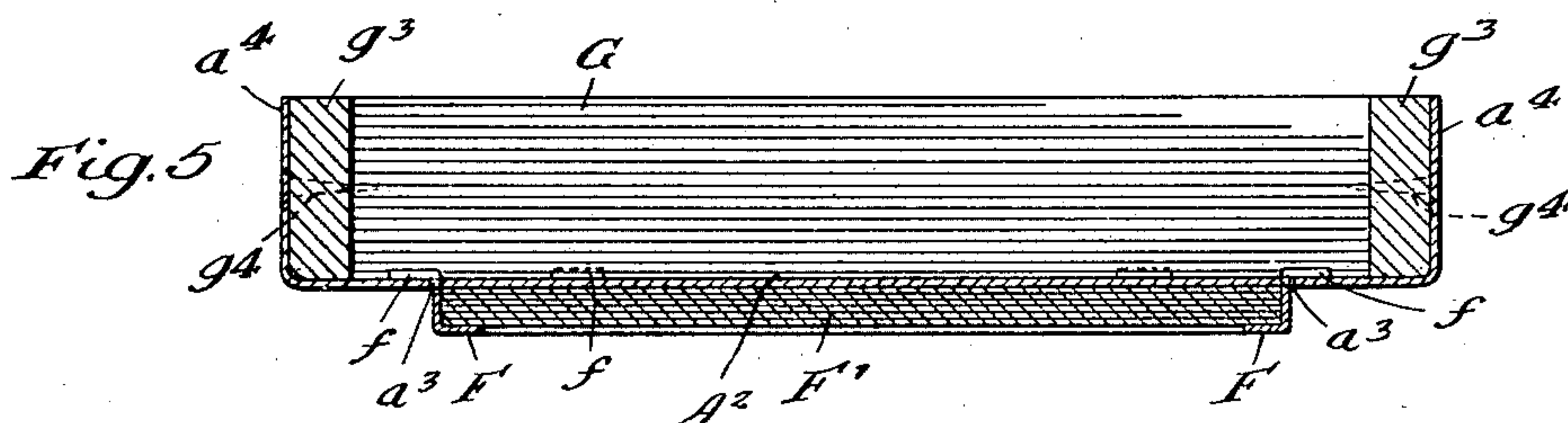
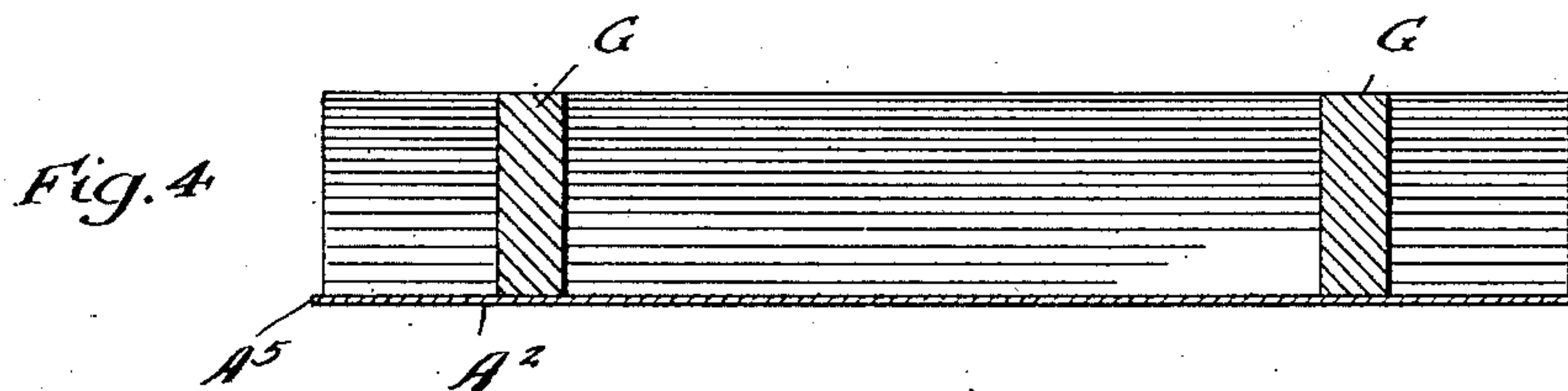
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SHEET METAL CLOCK CASE AND CALENDAR HOLDER.

Patented Aug. 3, 1909.

2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

WILLIAM H. HALL, OF CLYDE, ILLINOIS, ASSIGNOR TO CHARLES W. SHONK COMPANY, OF MAYWOOD, ILLINOIS, A CORPORATION OF NEW JERSEY.

SHEET-METAL CLOCK-CASE AND CALENDAR-HOLDER.

No. 929,940.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed May 24, 1909. Serial No. 497,927.

To all whom it may concern:

Be it known that I, WILLIAM H. HALL, a citizen of the United States, residing in Clyde, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Sheet-Metal Clock-Cases and Calendar-Holders, of which the following is a specification.

My invention relates to improvements in sheet metal clock cases.

The object of my invention is to provide a sheet metal clock case and calendar holder of a strong, simple, efficient and durable construction, and of an ornamental appearance, and composed of few parts, and easily and securely put together and capable of being cheaply manufactured.

My invention consists in the novel construction of parts and devices and in the novel combinations of parts and devices herein shown and described and more particularly specified in the claims, and by which I accomplish this result or object.

In the accompanying drawing forming a part of this specification, Figure 1 is a front elevation of a sheet metal clock case and calendar holder embodying my invention. Fig. 2 is a central vertical section on line 2—2 of Fig. 1. Figs. 3, 4 and 5 are horizontal cross sections on lines 3—3, 4—4 and 5—5 respectively of Fig. 1 and Fig. 6 is a detail rear elevation showing one corner of the inner sheet metal shell of the clock case.

My improved sheet metal clock case comprises an outer sheet metal member or shell A having a central rectangular opening A^1 at its upper part surrounded by integral wings a^1 projecting rearwardly at right angles to the face of the member A, and an inner rectangular sheet metal shell or member B having rearwardly projecting integral sides b fitting and telescoping within the wings a of the outer member A, the meeting ends or edges b^1 of the sides b abutting together at the corners. The inner sheet metal shell B of the clock case has a seamless drawn curved wall b^2 provided with rounded corners b^3 at its four corners, and the shell B is further provided with a central, raised circular clock face portion b^4 upon which is printed the customary clock dial b^5 . The inner shell B of

the clock face is also furnished with a central opening b^6 to receive the post or shaft C upon which the hands of the clock are mounted.

To firmly unite the two sheet metal shells or members A, B, and at the same time tightly close the openings at the corners of the shell B where the ends or edges b^1 of the integral sides b of the shell B abut together, I secure within the shell B a pair of filler blocks D, preferably of wood, the same having notched and curved edges d d^1 to conform to the interior shape of the shell B, one of these filler blocks being above and the other below the clock chamber B^1 of the case. Screws d^3 are inserted through the wings a' of the shell or member A and through the sides b of the shell or member B and into the filler blocks D, thus firmly uniting all these parts together. The sheet metal back E of the case is removably secured by a screw d^4 to the upper filler block D, and is provided with a suitable fastener d^5 for securing it in place at its lower end or edge.

The outer shell or member A is provided with a downwardly projecting integral extension A^2 provided with rearwardly projecting upright right angle wings a^2 at its side edges and with a calendar card holder F, preferably consisting of a plurality of sheet metal angle strips furnished with tongues f inserted through slots a^3 in the calendar holder extension A^2 of the member A, to secure the calendar holder angle strips F in place and thus cause the same to properly hold the calendar cards F^1 .

To strengthen and stiffen the extension A^2 of the sheet metal member A, I secure to the back face thereof by suitable fasteners g , such as small screws or brads, a frame G, preferably of wood, the upper horizontal member g^1 of which fits directly against the lower horizontal wing a^1 of the member A, and is secured thereto by the screws d^3 which pass through the frame strip g^1 as well as through the wing a^1 and side b before entering the lower filler block D.

The upright members g^3 of the frame G fit and abut directly against the lower upright right angle wings a^4 of the extension A^2 of the shell or member A, and the same is secured to said wings by screws or brads g^4 .

At its upper end, the outer sheet metal member A of the clock case is furnished with suitable curved portions A³ A⁴ to give an ornamental configuration to the upper end of the case and it is provided with curved side edges A⁵, preferably as shown in Fig. 1, and also at its lower end with ornamental curved portions A⁶ A⁷ so that the whole presents a neat and attractive appearance.

I claim:—

1. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, substantially as specified.

2. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, and filler blocks fitting within said inner shell and secured to the sides thereof and closing the openings at the corners, substantially as specified.

3. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, and filler blocks fitting within said inner shell and secured to the sides thereof and closing the openings at the corners, said filler blocks being also secured to the wings of said outer member, substantially as specified.

4. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, said outer member having an integral down-

wardly projecting extension provided with a calendar card holder, substantially as specified.

5. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, said outer member having an integral downwardly projecting extension provided with a calendar card holder, and a stiffening frame secured at the back of said extension, substantially as specified.

6. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, said outer member having an integral downwardly projecting extension provided with a calendar card holder, and a stiffening frame secured at the back of said extension, said extension having at its sides upright right angle wings embracing the upright members of said stiffening frame and to which said frame is secured, substantially as specified.

7. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners at their meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, and filler blocks fitting within said inner shell and secured to the sides thereof and closing the openings at the corners, said outer member having an integral downwardly projecting extension and a stiffening frame at the rear of said extension, having a horizontal member fitting against and secured to the upper horizontal wing of said outer member, substantially as specified.

8. A sheet metal clock case comprising in combination, an outer member furnished with a central rectangular opening, and with integral rearwardly projecting wings at the sides of said opening, and an inner rectangular member having rearwardly projecting integral sides abutting together at the corners

at the meeting edges, and fitting within said wings of said first mentioned member, and provided with a curved seamless wall and a circular raised clock face portion, and filler
5 blocks fitting within said inner shell and secured to the sides thereof and closing the openings at the corners, said outer member having an integral downwardly projecting extension and a stiffening frame at the rear of
10 said extension, having a horizontal member fitting against and secured to the upper horizontal wing of said outer member, and said extension having upright right angle wings at its side edges embracing and secured to
15 upright members of said stiffening frame, substantially as specified.

9. A polygonal sheet metal shell having a seamless drawn-wall central portion and provided with integral bent sides having the
20 ends thereof meeting at the corners, in com-

bination with an outer sheet metal member having a central polygonal opening and integral bent wings at the edges of said openings, and within which said polygonal shell
fits, substantially as specified. 25

10. A polygonal sheet metal shell having a seamless drawn-wall central portion and provided with integral bent sides having the ends thereof meeting at the corners, and
filler blocks fitting with said shell and closing
30 the openings at the meeting end edges of said sides, in combination with an outer sheet metal member having a central polygonal opening and integral bent wings at the edges of said openings and within which said
35 polygonal shell fits, substantially as specified.

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Witnesses:

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ESTHER ABRAMS.