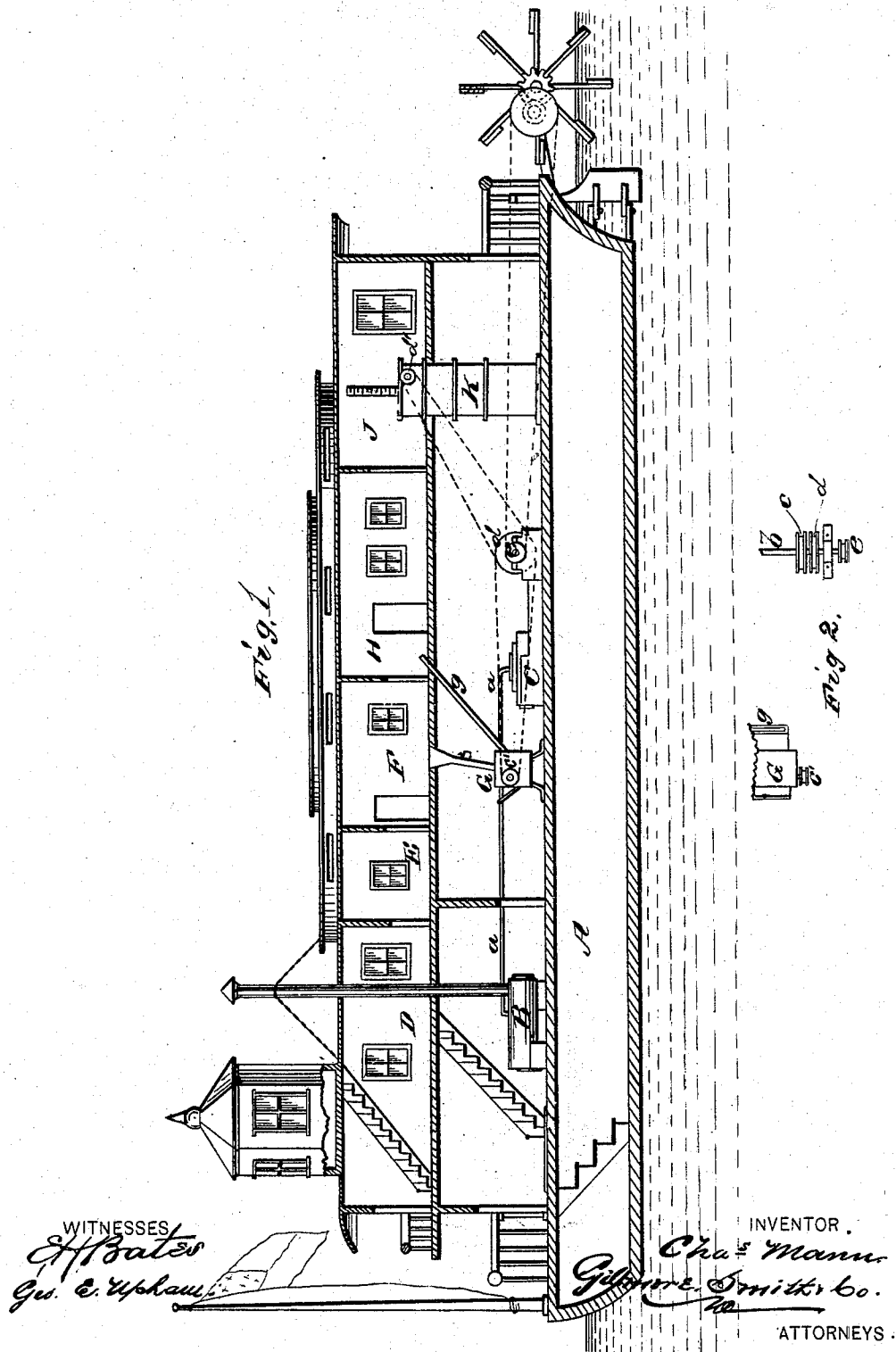


C. MANN.
FLOATING-GINS.

No. 182,686.

Patented Sept. 26, 1876.



UNITED STATES PATENT OFFICE.

CHARLES MANN, OF YAZOO CITY, MISSISSIPPI.

IMPROVEMENT IN FLOATING GINS.

Specification forming part of Letters Patent No. 182,686, dated September 26, 1876; application filed June 24, 1876.

To all whom it may concern:

Be it known that I, CHARLES MANN, of Yazoo City, in the county of Yazoo and State of Mississippi, have invented a new and valuable Improvement in Floating Gin; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a longitudinal vertical section of a boat, showing my floating gin applied, and Fig. 2 is a detail view thereof.

The object of my invention is to construct a boat with a cotton-gin and a baling-press, both of which can be operated by the same engine which drives the propeller of the boat, as will be understood from the following description.

In the annexed drawing, A designates the hull of a boat, constructed to run in rivers and their tributary streams for the purpose of landing close to the shores of plantations bordering thereon. On the deck of the hull is a boiler, B, which communicates, by means of a pipe, *a*, with a steam-engine, C, located at any suitable point on the lower deck. The shaft *b* of this engine carries two large grooved pulleys, *c* *d*, and a small pulley, *e*. D designates a store-room for merchandise, which room is arranged above the boiler. Back of this room is a cabin and sleeping-apartment, E, above which a pilot-house may be constructed. F is a receiving-room for the seed-cotton, into which the cotton is moved by a suitable conveyer, which may be an endless band, provided with buckets, or any other equivalent means may be employed for this purpose.

From this receiving-room the seed-cotton is delivered into a gin, G, by means of a chute or chutes, *s*, of any suitable construction, and from this gin the lint-cotton is discharged through a chute, *g*, into the lint-room, H. From this room H men move the cotton into the press-room J, from which it is delivered into the press K and baled.

Pulley *c* is belted with a pulley, *c'*, on the driving-shaft of the gin G, and pulley *d* is belted with a pulley, *d'*, which actuates the press-follower.

When it is desired to move the boat from one point to another the belts are removed from the gin and press-pulleys, and pulley *c* is belted with a pulley which actuates the stern propeller.

By my invention I move the cotton gin and press to the plantations bordering on the rivers and their tributaries, and thus avoid the labor and expense of transporting the cotton considerable distances to be ginned and baled.

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

A steamboat-hull having on its lower deck a gin, G, and a press, K, actuated by the same motive power that propels the boat, and provided on its upper deck with the adjacent rooms F H J, the seed and lint rooms F H being connected by chutes *s* and *g* with the gin, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

CHARLES MANN.

Witnesses:

THOS. R. WADLINGTON,
W. S. HALE.