

liberality and liberal sentiments of the principal stockholders, and the casualty of having to provide more room for a 45 Horse power engine without retrograding from the principles laid down, enabled me to approach so near to what I conceived to be best adapted, that I had nothing more to desire. She is now in that state of forwardness, that I have the satisfaction of saying Mr. Joseph Dennis, the builder, has fully entered into my views, and a finer model there is not on the lake, for the purpose intended! nor one more capacious for her tonnage. I am desirous gentlemen should examine her whilst on the stocks, the only opportunity they may ever have of seeing the essential part of her form.

Upon the aforesaid principles, and with the following model in view I gave her dimensions. A Steam-vessel for sea or lake service, is a sea row boat to all intents and purposes; her paddles being ones applying their strength in the most effective way, that is, at right angles with the Boat, and could we bring the buckets to act all times vertically, we should attain, I think, the summit of perfection.—Smuggling and privateering have produced both the fastest sailing, and the fastest rowing vessels on sea yet constructed. Amongst the latter I sought my model, convinced that in all sea service what answers upon a small scale will do infinitely better upon a large; upon the principle before mentioned, that the larger the vessel the less affected by the motion of the sea. I state for the satisfaction of those gentlemen who are acquainted with it, the Deal boat or gig. This boat is extremely long, narrow and sharp, about half its breadth in depth, sharp in the Bow, little rake in the stern,