SPENCE'S ELEVATOR, OR STEAM DOCK.

EXPLANATION.—Fig. 1 is a vertical view or ground plan of the apparatus; and fig. 2 is a sectional side view, or longitudinal elevation, of a strong platform, A B R, F, or A B G, calculated to be submerged deep enough to allow vessels to lay over and rest upon the platform, as represented in fig. 1. Two rows of iron cylinders, C B F G, are arranged in a vertical position on each side of the dock; and each cylinder is a piston, from which a piston rod descends through a cylinder head and stuffing-box at the bottom of the cylinder to the platform, or to the ends of the cylinders on which the platform rests. It will be observed that each row of cylinders stands upon a strong cement which rests upon a row of piers at each side of the dock. The cylinders of each row are connected in such a way that a steam-pipe is passed through the pistons, and the two steam-pipes are united at one at the head of the dock, and one is connected to the boiler. It will be seen that by the admission of steam into the cylinders, the pistons are all uniformly forced upward, and the platform is thereby elevated; but when it has attained a proper height, a row of hooks or cables, passed on each side of the platform, take in the corresponding row of vertical hooks, which are secured by pins to the eyes above, and the platform is thereby held firmly without the continuation of the steam pressure; but when it is required to return the platform to the bottom, steam is applied to the pistons, and the hooks are released from the struts by means of a line or wire, which, is connected to the head of each hook, and being drawn forward the hook is carried beyond the head of the cylinder, and the platform is allowed to settle exactly into the water. This apparatus is intended to illustrate the general principles which the proportions of the parts. With regard to the lifting power of this plan it may be remarked that if ten cylinders are arranged in each row, and each cylinder presents 8 square feet of area, and the density of the steam is 100 lb. to the square inch, the entire lifting force on the whole would be 800,000 lb. This plan was in use some time since by Mr. Wm. J. Spence, of this city, though he has not been publish’d as it was introduced in its use. He intended to apply for a patent so as to enable the plans thus patented. For further particulars apply to this office.

Hull.—Every body, perhaps, is not acquainted with the name of the celebrated French doctor, who favored the man who with the greatest success performed the operation of transplanting a human organ. It is an old saying, "If I can raise the doctrine, I am cured!" he exclaimed, because the operation of transplanting a human organ is performed by a French doctor who has been in the habit of transplanting organs for many years. The operation is performed by the French doctor, and the patient is cured. The operation is performed by the French doctor, and the patient is cured.

Culverton.—Mr. Colverton, editor of The London Times, has been elected to the office of Lord Chamberlain. The prince is paid for his political services, and says, "When the prince has the power of the crown, it will be found that a prince will be willing to give up his power." 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New Inventions.

Introductory in Cotton.—Thomas A. Davis has applied for a patent for an improvement. Some improvement in cotton yarns has been the subject of much inquiry in late years, and the form of his claim is, as follows.— "What I claim as new is, the process of manufacturing cotton yarns and threads, by imparting to the staple of cotton a double twist, and then constructing such yarn or thread as shall be produced, in the usual manner, by spinning the staple, by any means whatever, and applying a second twist to the staple, in consequence of which twist the staple shall be forced into the form of a helix, or spiral, or other solid angle or figure, according to the form of the guide around which the staple is wound in the process of spinning; and I claim for myself the exclusive right of constructing and using such yarns and threads, or of working the staple as may be produced to the same end, and of using the same in the manufacture of any article or articles in which they may be suitable.

The Unlimited Fire, Exit Lighthouse.—We are enabled to give the following account of an invention which we have learned was patented some time since by an English scientist, the form of his claim being as follows: "What I claim is, the process of forming a hollow cylinder of any convenient size, and of exciting fire, by means of the current of air passing through the space within the cylinder, and of extinguishing the fire by properly controlling the air. I also claim the improvement in this process of forming the hollow cylinder of such a shape and size, and the means of controlling the current of air therethrough, as shall be deemed suitable.

The Dairy.—The property of the dairy is, as follows: "What I claim as new is, the process of forming a dairy, by the following steps: first, setting up a certain number of cows in a detached building, and keeping them separate from the remainder of the herd; second, providing a certain amount of hay and other feed for the cows; third, providing a certain amount of milk and other dairy products; and fourth, obtaining a certain amount of butter and cheese. I also claim the improvement in the process of setting up the dairy, and in the provision of the necessary feed and dairy products, as shall be deemed suitable.

Safety Valve.—The object of the safety valve is, to prevent the escape of steam or gas from a boiler or other vessel, and to regulate the pressure within the vessel. I claim as new the process of setting up a safety valve, by the following steps: first, setting up a certain gauge to indicate the pressure within the vessel; second, providing a certain amount of steam or gas to be admitted into the vessel; third, providing a certain amount of steam or gas to be released from the vessel. I also claim the improvement in the process of setting up the safety valve, and in the provision of the necessary gauge and steam or gas, as shall be deemed suitable.

The Railroad.—The property of the railroad is, as follows: "What I claim as new is, the process of setting up a railroad, by the following steps: first, setting up a certain number of rails to support the track; second, providing a certain amount of ballast to support the rails; third, providing a certain amount of ties to support the track. I also claim the improvement in the process of setting up the railroad, and in the provision of the necessary rails, ballast, and ties, as shall be deemed suitable.

The Telescope.—The property of the telescope is, as follows: "What I claim as new is, the process of setting up a telescope, by the following steps: first, setting up a certain number of lenses to form the image; second, providing a certain amount of glass to be used in the lenses; third, providing a certain amount of metal to be used in the body of the telescope. I also claim the improvement in the process of setting up the telescope, and in the provision of the necessary lenses, glass, and metal, as shall be deemed suitable.

The Ship.—The property of the ship is, as follows: "What I claim as new is, the process of setting up a ship, by the following steps: first, setting up a certain number of planks to form the hull; second, providing a certain amount of water to fill the hull; third, providing a certain amount of sail to propel the ship. I also claim the improvement in the process of setting up the ship, and in the provision of the necessary planks, water, and sail, as shall be deemed suitable.

The Telegraph.—The property of the telegraph is, as follows: "What I claim as new is, the process of setting up a telegraph, by the following steps: first, setting up a certain number of wires to conduct the message; second, providing a certain amount of current to drive the current; third, providing a certain amount of code to represent the message. I also claim the improvement in the process of setting up the telegraph, and in the provision of the necessary wires, current, and code, as shall be deemed suitable.

The Lamp.—The property of the lamp is, as follows: "What I claim as new is, the process of setting up a lamp, by the following steps: first, setting up a certain amount of oil to be burned; second, providing a certain amount of wick to supply the oil; third, providing a certain amount of heat to burn the oil. I also claim the improvement in the process of setting up the lamp, and in the provision of the necessary oil, wick, and heat, as shall be deemed suitable.

The Patent Office.—The property of the Patent Office is, as follows: "What I claim as new is, the process of setting up a Patent Office, by the following steps: first, setting up a certain amount of space to be used for the office; second, providing a certain amount of furniture to be used in the office; third, providing a certain amount of clerks to work in the office. I also claim the improvement in the process of setting up the Patent Office, and in the provision of the necessary space, furniture, and clerks, as shall be deemed suitable.
The Dogs and the Beggars.

He'd had the dog's teeth,
He'd cut the dog's ears,
He'd made the dog bare,
And he doted on the dogs.

We have unrequested, unprovoked, unmerited artisans and tradesmen, your humble servants, in the execution of the above-named bargain, have procured the following description of the above-named bargain, which we hope will show that you may have nothing to do with it.

Yours faithfully,

The Dogs and the Beggars.

Hark! hark! the dogs bark,
I'm going to the market.
In the year 1846, the scientific community gathered for the Patent Agency at Washington. The event was a significant one, with the presentation of various inventions and technologies that had been developed and patented in the country. The agency was responsible for issuing patents and overseeing intellectual property rights. Among the inventors present were some of the great minds of the time, including Thomas Edison, George Westinghouse, and Alexander Graham Bell. The Patent Agency played a crucial role in fostering innovation and economic growth, and its work continues to be essential in today's fast-paced technological environment.