
[Reported Officially for the Scientific $\Delta$ merican.]
L I S T OF PATENT CLAIMS Issued from the United States Patent Ollice
FOR THE WEER ENDING OCT. $23,1855$. Dove. Tailing MAchine-John Bell, of Harlem, $\mathbf{N}$.
 lalso claim. in combination with the double inclined
tables. the do uthe ese of rotating cutters., having the planes
of the edges of the cutters working parallel with said taof the e
files.su
forth. SOPTHE FAsTenng.-Cyrus Clapp, of Montague
Mass. 1 I claim the fastening of scythesto snaths, by means


 I crain the dish, H, and deet, J, in coubbination with the
scroenn. operating as descrited, and for the purposes set
forth.










[The above invention is a printing press on a verysmall
scale, intended for the aid of postmasters, merchants, and scale, intended for the aid of postmasters, merchants, and
others, who have occaxion to use business cards or stamps.
13y the peculive arrangement 3y the peculiar arrangement of parts, the paper or cards
are fed on to the type by the movement of the impression
lever. The construction is quite simple and effective lever. The construction is quite simple and effective.
Presses like these can be afford t at a very snall cost. Presses like these can be affurdsd at a very snall coat.
They will enable any person to become hisown primter.]
















for out of the public treasury. Those Departments have no stronger claim to the occupancy of their respective buildings than has the Patent Office Department to the structure spe cially set apart for it. The Secretary of the
Interior would not dare to molest, or even suggest to the heads of either of the Department first-named, that they had no right to occupy the rooms ordered for them by Congress. Yet why not experi
Patent Office?
The Secretary of the Interior, it is claimed, The Secretary of the Interior, it is claimed,
ecommended an appropriation for the further extension of the Patent Office; this is presented as evidence that heis the " best friend" of the Department and inventors, not their enemy, as charged by the Scientific American What a noble and generous act, truly, for the Secretary to recommend an enlargementof the Pimself! What a benevolent and self-sacrifichimself! What a benevolent
ing individual he is, to be sure
We bave all along insisted, as our readers well know, that various acts of the Secretary relative to the Patent Office, of which we have complained, would, necessarily, have the effect to retard and confuse the operations of the Department. We have charged him with utter incompetency so far as related to its management; and we have called upon the Presiden to take the reins out of his hands and appoint a new, vigorous Commissioner. Our friend
"Justitia" tbinks it will be time enough for us to complain when the least retardation of business occurs. "So far," he says, "this has not been the case in the slightest degree." We are surprised that the Secretary should We are surprised that the Secretary should
permit any of his friends to promulgate such a glaring untruth as the above. Let any one look at the scanty list of patents which appear in our this week's journal, and see for himself what an alarming falling off in the business of the Patent Office has taken place. Let him look back for the past two months, and he will see that this decline has a steady downward progress. Three months have barely elapsed since Commissioner Mason retired, and Secretary McClelland assumed the dictatorship of the Patent Office, yet within this brief space of time, the amount of business performed in the establishment has fallen off nearly fifty per cent.; new business has, all the whle, been pouring in with undiminished volume, but re-
ceives only partial attention; new applicants are subjected, in many cases, to outrageous delays; unfinished affairs remain in statu quo; the concern appears to be fast choking up, and has, apparently, almost come to a stand-still demnation against the Secretary of the Interior. They establish, alas! too fully, the corrior. They establish, alas! too fully, the cor-
rectness of our assumptions. With such evidences staring him in the face, "Justitia" will find a fruitless task in apologizing for his" best friend" of the Patent Office.

## Great Ocean Steamers.

The Persia steamship belonging to the Cu nard line, recently launched at Glasgow; the Adriatic belonging to the Collins line, and the New York, belonging to C. Vanderbilt, now building in this city, will be, when completed, the largest merchant-steamers in the world.
They will be about 5,000 tuns burthen each, and will afford ample opportunity for proving the quality of each in the contest for the mastery of the Atlantic. The hull of the Persia is of iron, and her engines are to be the side lever kind. The Adriatic and New York are being built of timber. The former is to have large oscillating engines, the latter beam engines. The keel of the New York is straight, and so are all her water lines, and her center of displacement is amidships; the Adriatic has hollow water lines, and has her center of displacement 20 feet abaft midships. The former is built mnch stronger than the latter, and has more capacity for cargo. It is believed that the Adriatic has the finest formed hull for speed, and that it will be the fastest steamer afloat. Time, however, will try them all; their comparative performances will be of great importance to the commercial and engineering classes of all countries.

## Durability of Iron Shins.

The iron ship Richard Cobden, which was
visit from any one who is interested in iron ships. She has been 12 years in the East India trade, and has not had the slightest repairs done to her; has never made a drop of water, and will, to all appearance, last for an unlimited length of time. This vessel has completely set aside the old notion of A 1 . for 12 years. - [Liverpool Mail.

Military Literature-America Ahead.
The following clever extract is from the London Atheneum:-"American papers are remarking on the absence of all literary effort in the Crimea, and arethereinnoting-very much to their own glory-a characteristic difference between the surroundings of an American and of an English army. The contrast is fair.The self-laudation is not unjust. Onr readers know that when the Yankees marched into Mexico they carriedwith them a printing press, and published a newspaper along the line of invasion. Across prairies, through dangerous passes, over mountain ranges, sometimes on mules, oftener on men's shoulders, occasionally in wagons-traveled press, paper, type and nk-editors, contributors, and pressmenGghting, foraging; writing, working onward. Infinite were the uses of the press. It carried orders through the camp. Every morning the soldier read in it the story of the previous day. It anticipated the gazettes. It disseminated orders of the day; it perpetuated the gossip of the camp; reflected public opinion in the army; made known every want; supplied every information ; exercised, inspired, and animated every heart. Had the Americans been in the Crimea, they would have had daily papers at Balaklava, Eupatoria, Yenikale, and Constantinople; and these papers reflecting the humors, incidents, and life of the camp-would have ranked among the best historical documents on the war. As it is, our soldiers in the Crimea are indebted to the London journals for authenic information of what occurs in the camp itelf, and within a mile or two of their own tents. Jonathan is far ahead of us in some respects."

## Beneflis of the New Steamboat Law.

The "New Steamboat Law" works well on the Western rivers, as is seen in the great dimnution of the number of fatal disasters. The inspectors at New Orleans report, that during the year ending September 1st, the number of boats subject to their inspection have carried six hundred thousand passengers; yet there has not been an explosion of a boiler or collapse of a flue, nor have any lives been lost on passenger boats from the effects of steam or collisions. The report at Cincinnati is almost, if not quite as favorable.
The steamboats on our Westernrivers, which beforethe new law went into force, were justly considered no better than floating magazines of destruction, have become as safe and well managed as any steamboats in the world. We challenge the steamboat records of any other part of our country, or any other country, to show such an immunity from accident, such safety of life, as the report of the inspectors on the Ohio and Mississippi rivers for last year. Three years ago the public were horrified almost every week with the terrible details of Western steamboat explosions; now 600,000 passengers have been carried during the past year without the loss of a single life; what a happy change. The inspectors deserve great praise for the manner in which they have performed their duties, and we hope they will never cease to be vigilant, strict, and fearless in enforcing the law.

## Lanterns for Lishthouses.

The Philadelphia Ledger states that Messrs. Merrick \& Son, of that city, are now making three great lanterns for lighthouses on the coast of Florida. The largest-12 feet in diameter by 10 feet in hight, is intended for the lighthouse on point Jupiter. This lantern is of iron, and is to contain the purestplateglass. It will contain a Fresnel light of the frst magnitude. A second lantern is for the lighthouse on Cape Florida, and will contain a Fresnel light of the second magnitude. This lantern is 10 feet in diameter by $81-2$ feet high. The third is designed for the iron lighthouse on Coffin's Patches. The foundry of Messrs. M. at this time presents a busy scene, there being 470 workmen engaged in its sereral depart470 wor
ments.

