

## A BIG PIPE.

Is of Iron, and Claimed to Be the Largest Cast.

The Age-Herald has this description of a large casting made at Birmingham, Ala.: Yesterday I saw made the largest iron pipe ever cast in the world on strictly pipe shop lines. It was 72 inches in diameter on the inside, 76½ inches in diameter outside measurement, and 12 feet 6 inches long over all. The metal in it alone weighed 20,000 pounds.

The making of a cast iron pipe is thoroughly interesting. Yet the process is simple. It is molded upright. First there is a great shell cast or mold. This cast is of iron. It stands upright and is coated inside with sand. Inside of this goes a great upright core, held in perfect position by pivots at the top and bottom in order that the space between the core and the shell shall be the same at every point. The core is the interesting part of a pipe foundry. This core is first wrapped with a rope made of hay—ordinarily Indiana prairie hay. The hay is then plastered over with mud and sand until it becomes perfectly smooth and even. Then a black coating made of pulverized coal, molasses and water is put over this, and the surface becomes as smooth as polished wood. It is dried over a furnace, and the core is inserted in its proper place in the shell. This is the mold. It is then a simple thing to draw the molten metal into a ladle from the great cupola, resembling small iron furnace, and carry it on a crane to the mold, inside of which it is gradually poured. It is then left standing for 12 hours to cool.

During the cooling process the hay rope on the inside of the mold is so charred that the core comes out easily.

The outside mold is then unclashed and the hay rope burns from the inside of the pipe. The pipe is hauled up by a derrick, and rolled out into the shop, where the sand is beat from it and the rough edges trimmed off. It is polished, heated again and dropped into a bath of coal tar, taken out, and then tested by a machine which forces water into it at a pressure of from 100 pounds to the square inch to 500 pounds to the square inch, according to the purpose for which it is to be used. This completes the business. The pipe is now ready for shipment.

A small river can now run through one of these pipes. It is as large as the great sewers of Paris, which are built of brick and stone.

The largest pipe made for a water supply ever used in this country is the 58-inch pipe recently laid down Fifth avenue in New York, to supply the lower portion of New York for the very high buildings.

## EGGS BOILED TO MUSIC.

Two Verses for Medium-Boiled, Three for Hard.

Several ministers of one of the leading denominations in Washington are enjoying an incident which is said to have occurred to a good bishop who is widely known here and elsewhere.

As the story goes, the bishop, while making his visitations recently, was invited to officiate at a church in the country, and spent the night at a farmhouse in the vicinity. Shortly before breakfast time the next morning the lady of the house asked the bishop, who was reading his Bible in the parlor, if he would like some eggs for the meal, and if so, how he would prefer to have them cooked. He replied that eggs would be very acceptable, and that he liked them boiled in a medium way.

The lady retired to the kitchen and presently the bishop heard her voice as she sang the words of "Rock of Ages, Cleft for Me!" The bishop joined in the singing, and in this way the two sang two out of the three verses of the hymn. At the conclusion of the singing of the second stanza the lady stopped and a little later returned to the parlor.

"Why did you not sing the third verse?" the bishop asked.

"Because it was not necessary," the lady replied.

"Not necessary! Why, I don't understand you!" rejoined the bishop.

"Why," said the lady, "you see, whenever I cook eggs I sing 'Rock of Ages.' If I want to boil them medium, I sing two verses, and if I desire them hard boiled, I sing three. You wanted them medium, so I sang two verses."

"Ah!" was all the bishop said in reply.—Washington Star.

## A Useful Little Notion.

Until within a few years spirit fevers were made with perfectly smooth sides, and there was more or less danger of dropping them in carrying them about and up and down ladders, and so on. Half a dozen years ago somebody thought of cutting a groove or channel in the wood on each side of the level, to make a hand-hold. It may seem strange that nobody had thought of this simple device before, but apparently nobody had. The man that did think of it got patented, and now the levels are made with this improvement.—N. Y. Sun.

## THE JEWISH RESTORATION.

Sign Pointing to the Fulfilment of an Ancient Prophecy.

Have we any signs presenting themselves of the literal fulfilment of the prophecies respecting Israel's restoration to the Promised Land? We have. For one thing, it must be noted that this process will be a gradual one. The restoration from Babylon which had been predicted was of this nature. At Barcelona, in the year 1543, a mechanician named Blasco de Garay, after many persistent efforts, succeeded in impressing Emperor Charles V. of Austria and I. of Spain with the value of his new invention for driving ships by steam. The trial which took place was considered a success by the public, but the chief of the royal commission—Ravago, the treasurer-keeper of the kingdom—for certain sinister reasons persuaded the emperor that the discovery was of no practical value, and so ruined the hopes of Blasco de Garay.

Later on, about the beginning of the seventeenth century, Giovanni Branca, an Italian, invented a steam engine, and his machine is the first of which we have any descriptive or pictorial record. About this same period, too, France produced a claimant for the glory of having invented the steam engine, and Marion D'Elorme, in a letter to M. de Cinq Mars, dated Paris, 1641, gives an account of him in a visit to the Bicetre with the marquis of Worcester: "We were crossing the court of the madhouse, and I, more than dead with alive with fright, kept close to my companion's side, when a frightful face appeared behind some immense bars, and a hoarse voice exclaimed 'I am not mad! I am not mad!' I have made a discovery which would enrich the country that adopted it." What has he discovered? I asked of the guide. "Oh," he answered, shrugging his shoulders, "something trifling enough; you would never guess it: it is the use of the steam of boiling water." I began to laugh. "This man," continued the keeper, "is Salomon de Caus; he came from Normandy four years ago to present to the king a statement of the wonderful effects that might be produced from his invention. The cardinal sent the madman away without listening to him. Salomon de Caus, far from being discouraged, followed the cardinal wherever he went with the most determined perseverance, who, tired to death with his folly, ordered him to be shut up in the Bicetre, where he has now been for three years and a half."

Conditions comptant sur les lieux.  
Sheriff Civil de la Paroisse d'Orléans.  
FRANK N. BUTLER, Esq.  
Avocat pour le plaignant.  
12 fev. 5 18 25—mars 4 11 17

## THE STEAM ENGINE.

Interesting Account of Its Origin and Early History.

Various countries claim the credit of having made the earliest practical application of steam power, but, judging by facts gathered from the most authentic sources, it was in Spain that the movement of machinery by steam was first brought under public notice. At Barcelona, in the year 1543, a mechanician named Blasco de Garay, after many persistent efforts, succeeded in impressing Emperor Charles V. of Austria and I. of Spain with the value of his new invention for driving ships by steam. The trial which took place was considered a success by the public, but the chief of the royal commission—Ravago, the treasurer-keeper of the kingdom—for certain sinister reasons persuaded the emperor that the discovery was of no practical value, and so ruined the hopes of Blasco de Garay.

Later on, about the beginning of the seventeenth century, Giovanni Branca, an Italian, invented a steam engine, and his machine is the first of which we have any descriptive or pictorial record. About this same period, too, France produced a claimant for the glory of having invented the steam engine, and Marion D'Elorme, in a letter to M. de Cinq Mars, dated Paris, 1641, gives an account of him in a visit to the Bicetre with the marquis of Worcester: "We were crossing the court of the madhouse, and I, more than dead with alive with fright, kept close to my companion's side, when a frightful face appeared behind some immense bars, and a hoarse voice exclaimed 'I am not mad! I am not mad!' I have made a discovery which would enrich the country that adopted it." What has he discovered? I asked of the guide. "Oh," he answered, shrugging his shoulders, "something trifling enough; you would never guess it: it is the use of the steam of boiling water." I began to laugh. "This man,"

continued the keeper, "is Salomon de Caus; he came from Normandy four years ago to present to the king a statement of the wonderful effects that might be produced from his invention. The cardinal sent the madman away without listening to him. Salomon de Caus, far from being discouraged, followed the cardinal wherever he went with the most determined perseverance, who, tired to death with his folly, ordered him to be shut up in the Bicetre, where he has now been for three years and a half."

Deux certains lots de terre, à mesurer avec toutes les bâties, écluses et améliorations qui y trouvent place dans le Sixième District et de cette ville, dans l'île de la Cité, dans la rue du Commerce, entre les rues Camp et St-Charles, dans le premier district de cette ville, le 12 mars 1898 à midi.

Loddie Bonnacour, Curatrice, vs J. P. Lieux.

ANNUCE JUDICIAIRE.

## ANNONCES JUDICIAIRES.

VENTES PAR LE SHERIF.

ANNUCE JUDICIAIRE.

Vente d'une Propriété appartenant au Sixième District.

Connue comme No 719 rue

Lyons, entre les rue Lau-

ret et Live Oak.

Frank N. Butler vs Mme Flora Jonas,

femme de Edward Jonas et Ed-

ward Jonas pour autoriser et

assister sa femme.

TOUR CIVILE DE DISTRICT POUR LA PAROISSE D'ORLÉANS—No 55.45—En vertu d'un w<sup>r</sup> de salais et vente à moi adressé par l'Honorable Cour Civile du District pour la paroisse d'Orléans, dans l'affaire ci-dessous intitulée, je procéderai à la vente à l'encherre publique, à la Bourse des Encanteurs. Nos 629 et 631, rue du Commerce, entre les rues Camp et St-Charles, dans le district de la Bourse, le Jeudi 12 mars 1898 à midi, de la propriété décrite ci-dessous à savoir:

Deux certains lots de terre, à mesurer avec toutes les bâties, écluses et améliorations qui y trouvent place dans le Sixième District et de cette ville, dans l'île de la Cité, dans la rue du Commerce, entre les rues Camp et St-Charles, dans le district de la Bourse, le Jeudi 12 mars 1898 à midi.

ANNUCE JUDICIAIRE.

Vente d'une Grande Propriété de Valeur Améliorée du

Troisième District,

A l'enclouage des rues St-Bernard et

Maries, portant les Nos 1300 et

1304 rue St-Bernard et

Nos 1515, 1517 et

1519 rue Ma-

ris.

Loddie Bonnacour, Curatrice, vs J. P.

Lieux.

ANNUCE JUDICIAIRE.

Vente d'une Grande Propriété de Valeur Améliorée du

Sixième District, dans la ville de Orléans, dans l'île de la Cité, dans la rue du Commerce, entre les rues Camp et St-Charles, dans le district de la Bourse, le Jeudi 12 mars 1898 à midi.

ANNUCE JUDICIAIRE.

Vente d'une Propriété Amélio-

rée.

Connue comme No 7209

rue Laharpe entre les rues

Roman et Derbygny,

l'arrière rue étant

Lapeyrouse, et

d'un terrain rue Derbygny,

dans le même île.

Mme George Guinault vs Vve George Schamburg.

ANNUCE JUDICIAIRE.

Vente d'une Propriété Amélio-

rée.

Connue comme No 1709

rue Laharpe entre les rues

Roman et Derbygny,

l'arrière rue étant

Lapeyrouse, et

d'un terrain rue Derbygny,

dans le même île.

ANNUCE JUDICIAIRE.

Vente d'une Propriété Amélio-

rée.

Connue comme No 1709

rue Laharpe entre les rues

Roman et Derbygny,

l'arrière rue étant

Lapeyrouse, et

d'un terrain rue Derbygny,

dans le même île.

ANNUCE JUDICIAIRE.

Vente d'un intérêt indivis dans une propriété au

district de la Basse-Loire entre les rues

Reparcie et Saratoga.

Succession de Joseph H. Friedrichs et

Doris—Succession de la Paroisse d'Orléans—District

de la Paroisse d'Orléans—District