

[Priskuranter] - 1

Hjalmar Bratt

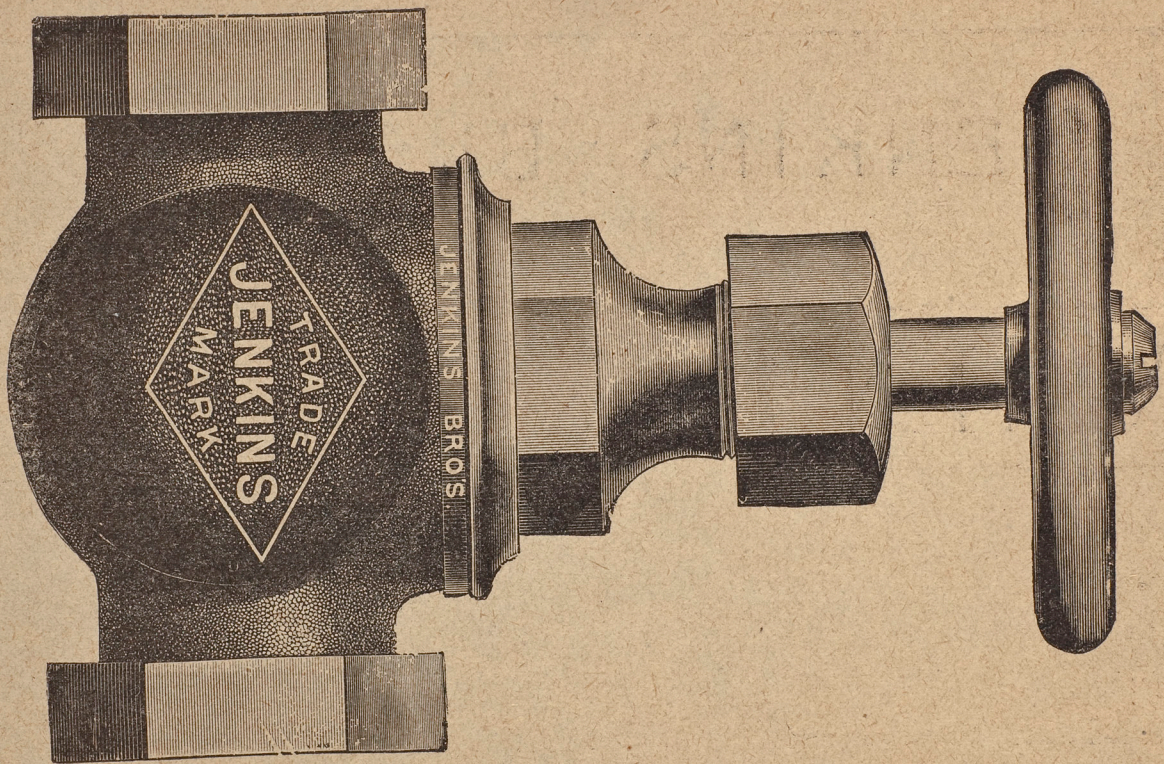
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JENKINS * BROS.

VALVES &

JENKINS
STANDARD
PACKING



JENKINS BROS.

TRADE
MARK
JENKINS

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THE JENKINS BROS. VALVES

are their special pattern, contain all improvements and made of the Best Steam Metal. The Valves have "Jenkins Bros." and Trade Mark stamped on body.

*The Discs have been greatly improved, and are manufactured under their latest patents; they are superior to anything ever placed on sale in this line. **The Jenkins Bros. Packing,** for its varied uses, has also been improved so as to be now presented to all desiring first-class goods for Steam, Gas, Water, Acid or Oils, at Reasonable Prices, such as are not equaled by any in the market, and are warranted as represented.*

2 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

JENKINS DISC REMOVING LOCK NUT.

Patented May 10, 1887.

It will be observed in the cut (A) that Disc and Nut are together, that the hole in the Disc is not perfectly round, but is flat on two sides (same as cut C), and the nut (B) is made with a corresponding projection to fit in the Disc.

In use the projection on the nut is placed in the Disc, as shown in cut, and they are screwed in the disc holder, making it impossible for the nut to get off after being screwed down in place, as the Disc and nut are locked. *Another great advantage is that in removing the Disc the nut and Disc come off together.*

The Disc removing lock nut has been so arranged as to be applied to old Jenkins Bros. Valved. *In order to obtain these Improvements it is necessary to specify JENKINS BROS. VALVES.*

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS. 3

KEYED STUFFING BOX.

Patented January 23, 1883.

JENKINS KEYED STUFFING BOX is a Hexagon cast in the neck of the Valve, in which the Packing is compressed by the Stuffing Box Nut, and prevents the Packing and Nut from turning in opening or closing the Valve, thus avoiding leakage from this cause. It also holds the Packing in such a manner that when the Stuffing Box is unscrewed the Packing is held in the neck so as to be easily taken out to repack.

It cannot get out of order, as it is part of the Valve. Used only on J. S. S. and Jenkins Bros. Valves.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

4 If you use Valves, call for and insist on having **THE IMPROVED JENKINS BROS.**

THE IMPROVED JENKINS BROTHERS VALVES.

GLOBE, ANGLE, CHECK, SAFETY AND RADIATOR,

Stand at the head, are specified by architects and engineers, used in the principal public buildings, and always referred to by steam fitters when the best is called for.

THE REASONS WHY:

- 1—A Perfectly tight valve under any and ALL PRESSURES OF STEAM, OILS OR GASES.
 - 2—Sand or grit of any kind will not injure the seat.
 - 3—You do not have to take them off to repair them.
 - 4—They can be repaired by any mechanic in a few minutes.
 - 5—The elasticity of the Disc allows it to adapt itself to an imperfect surface.
 - 6—The METAL and WORKMANSHIP are the best.
 - 7—All parts are INTERCHANGEABLE.
 - 8—They have a FULL OPENING through them.
 - 9—The PATENT KEYED STUFFING BOX prevents the nut from coming off in opening and closing the Valve.
 - 10—They are the EASIEST TO REPACK, as the packing is held in the neck of the Valve.
 - 11—The DISC REMOVING LOCK NUT makes them the EASIEST TO REPAIR, as the disc comes out of the holder when the nut is unscrewed; YOU DON'T HAVE TO DIG IT OUT.
 - 12—THE NUT CAN'T COME OFF, as the disc prevents it.
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JENKINS STANDARD PACKING.

If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS. 5

THE JENKINS BROS. SAFETY VALVES.

DOES NOT STICK OR CORRODE.

THE MOST SENSITIVE AND RELIABLE.

These Valves contain the Jenkins Discs, which will not CORRODE or STICK to the Seat, consequently the Valves are always ready to operate, even if they have been idle for years. They are the most reliable Safety Valves in the market, and a trial will convince the most skeptical. The Discs used in these Valves will stand 200 pounds steam pressure, and will last for years.

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JENKINS STANDARD PACKING.

6 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

THE IMPROVED JENKINS AUTOMATIC AIR VALVE.

Endorsed by the leading steam experts as *the best made and the quickest working*. Thousands in use.

Can be applied after radiators are set, and outlet placed at any angle when they are to be piped off. *Takes no more room than an ordinary air-cock.*

FULL SIZE.

DESCRIPTION.

(Letters referring to special designs.)

A, Inlet.

B, Screw for setting.

C, An expansible elastic plug.

D, Outlet, tapped to connect drip pipe or a drip cup.

DIRECTIONS FOR SETTING.

Always open the valve by turning out the screw B before placing on coil or radiator; after it becomes hot, set the screw down, easy, until there is no escape of steam at outlet D. Screw on the cap, and it is ready for work.

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JENKINS STANDARD PACKING.

J. S. S. VALVES.

Thousands in use. No Valve has been put upon the market that can show a cleaner record. They are made of the Best Steam Metal and have a full opening (which very few valves sold at the present day have), and as they will outwear and be kept tight, they are as a matter of Economy cheaper than the ordinary Valve.

THE FOLLOWING ADVANTAGES ARE CLAIMED THE J. S. S. VALVES.

1. By placing the *packing in the seat* instead of the valve head, the *packing is less liable to be cut*, as it is protected from the direct action of the steam.
2. It is almost impossible to *crush the packing*, as the bearing surface is made wide.
3. The packing is well protected on all sides, and in this way we are liable to *get more wear out of it*.
4. *It is easily repaired.* By simple unscrewing the ring inside the seat, the *packing will be removed with the ring.*
5. The *use of the Keyed Stuffing Box* prevents the nut from turning in opening and closing the Valve.

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JENKINS STANDARD PACKING.

8 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

JENKINS PATENT GATE VALVES. SIMPLE AND EFFECTIVE.

The advantages these Valves possess over other Gate Valves, are:

- 1st. They do not depend on a metallic disc for a joint, but use the Jenkins Compressible Packing.
- 2d. As the disc of Packing wears, the inclined follower (or metal seat) keeps the disc to its seat, making a perfect joint.
- 3d. Should the discs give out at any time, they can be replaced very quickly, and at a small cost.
- 4th. They do not have to be taken from their places to be repaired.
- 5th. When the Valves are only partly open, steam rushing through does not come in contact with the disc, so that it is impossible for the steam to wear holes through or cut it out, as is too commonly the case with metal disc vales.
- 6th. The spindle is independent of the discs, and there is no danger of their wedging in opening and closing.

When Gates are ordered for water or gas soft discs are used, making them the best and most perfect WATER AND GAS GATE made.

It is the only Gate Valve that can be Repaired without the aid of an Expert Mechanic.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

RUBBER COVERS FOR VALVE WHEELS.

PREVENTS BURNING THE HAND.

SIMPLE, DURABLE AND EASILY APPLIED.

These Rubber Covers are just the thing for all kinds of **Valve Wheels, Water Combinations and Gauge Cocks**. Rubber being a non-conductor of heat, any hot valve wheel, with the above covering on, can be handled without burning the hand. It can be put on by simply stretching it over the wheel, and in a few days, on a hot wheel, it will adhere strongly to the metal. The use of cement is recommended on all cold wheels. If the old valve should wear out and become useless, the rubber can be removed and applied to a new valve.

This rubber is a **Special Composition**, and will not burn on any hot wheel. Once used, they will be considered indispensable, especially in Dye Houses and Laundries, where the hands are always wet or damp, as wet hands will not slip on rubber. Wheels covered with this rubber will not slip under the hand, thus insuring perfect seating of the valve. This Valve Wheel Covering is the only one in the market.

N. B.—In ordering, please send diameter of wheel and thickness of rim.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

10 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

BEWARE OF IMITATORS AND INFRINGERS.

To Manufacturers of Valves and those using Valve Discs.

Your attention is called to new and improved Jenkins Discs for Valves, Gauge Cocks, etc., patented Oct. 5, 1880.

Jenkins Bros. are the original manufacturers of this class of goods, and from their experience, and the very severe tests these discs have been subjected to, it can be said without hesitation that they are the very best produced for use in Valves, Gauge Cocks, etc.

The Jenkins Disc will stand any and all Pressures of Steam, Oils or Acids.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

THE ORIGINAL UNVULCANIZED PACKING.

Called the STANDARD, as it is the Packing by which all others are compared. Accept no Packing as »Jenkins» unless stamped with Jenkins Bros. Trade Mark.

In presenting the **Jenkins Standard Packing** to steam users it is not offering an entirely new Packing, but a Packing that has been severely tested in all positions and under all actions of steam, superheated steam, oils, acids, etc., and **Has Never Failed** to make a perfect joint under all conditions when properly applied. **Jenkins Standard Packing** will stand more heat and pressure than any Packing made, and is particularly adapted to high-pressure expansion joints.

Jenkins Standard Packing is the most economical, durable and reliable made.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

12 If you use Valves, call for and insist on having **THE IMPROVED JENKINS BROS.**

Every engineer and user of steam is aware that the Joint of a steam chest is the most difficult to pack and keep tight, owing to the action of heat and the oils and in lubricating. It does not matter what kind of oil is used, the **JENKINS STANDARD PACKING** has not only been successful in making a perfect joint, but also a joint that will last for years, and where all other Packings have failed.

JENKINS STANDARD PACKING will pack a joint, no matter how rough or uneven the surface is. The action of heat and steam on the **JENKINS STANDARD PACKING** softens it, and by gradually following up the joints, fills up all cracks, crevices, etc. The continual heat on the Packing vulcanizes it, and it becomes hard as metal (it is frequently called Jenkins Metal), and will last as long as metal itself, for the **JENKINS STANDARD PACKING does not Rot or Burn Out**, thereby saving a great deal of labor, as joints do not have to be faced, a very important feature, and should commend itself to Engine Builders, and Manufacturers.

JENKINS STANDARD PACKING can be made any thickness desired. If you have only thin Packing on hand, by placing two or more thicknesses together in a joint and allowing the heat to come in contact with Packing and following up joint, it will amalgamate and become solid. **JENKINS STANDARD PACKING** once used is always preferred, as it saves labor, money and time, and to the Engineer it gives recreation on Sunday, for with other Packings the joint blows out, and that means Sunday work nine times out of ten.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

*Please Note Directions for Using
Jenkins Standard Packing.*

Place the Packing in position, and screw the nuts up tight while cold. Let the steam on enough to warm the Packing, which softens it, then follow up the joint gradually until there is no escape of steam.

In cutting bolt holes, make them a trifle small.

In packing a steam chest, cut the inside hole $\frac{1}{8}$ large all around.

When a joint is to be made which you wish to break without injuring the Packing, the application of Pulverized Soapstone, Plumbago, or Chalk will prevent sticking.

After the Packing becomes set, it forms what might be called a metal of itself, and will last for years.

Packings for special Purposes at Short Notice.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

14 If you use Valves, call for and insist on having **THE IMPROVED JENKINS BROS.**

NO NEED OF COMPLAINT ABOUT HOT WATER OR LEAKY FAUCETS.

TO MANUFACTURERS OF COMPRESSION WORK, DEALERS AND PLUMBERS:

Your attention is respectfully called to Jenkins Bros. improved Washer, for hot or cold water, which has stood severe tests in hot water and destructible fluids. Now used by the principal manufacturers of Compression Work, and acknowledged by reliable dealers to be the most durable washer now before the public. Their durability and cheapness should commend them to all.

No allowance need be made for expansion, and no danger of stripping the thread off the screw by the swelling of the washer.

JENKINS STEM PACKING.

THE SIMPLEST. THE MOST DURABLE. THE CHEAPEST. THE EASIEST APPLIED.

All users of Steam and Valves know how essential it is to have their Stuffing Boxes tight, so as to prevent the leaking of steam and the dripping of water or fluid upon the floor or carpet.

After several years' experimenting, Jenkins Bros. have at last perfected a packing for Valve Stems which is meeting with great success among users of steam, who speak in the highest terms of its successful working.

Accept no Packing as Jenkins Packing unless stamped with their Trade Mark,
JENKINS STANDARD PACKING.

If you use Valves, call for and insist on having **THE IMPROVED JENKINS BROS.** 15

UNION RINGS.

Of all sizes from 3—8 inch upwards. These Rings are made from

JENKINS PACKING,

and are superior to anything in the market.

HOWLAND'S IMPROVED STEAM TRAP.

EACH TRAP FURNISHED WITH AUTOMATIC AIR VALVE.

The condensed steam enters the trap at A, and all of the dirt is held in the head, as the water is strained through a fine perforated brass strainer C, which is securely fastened on to the head.

The water entering the body of the trap raises the ball which opens the valve and allows the water to pass out through the opening, D. After enough water has been discharged to allow the ball to fall, it closes the valve, and the water accumulates for another discharge. The valve being under water, no steam escapes. Any dirt can be blown out of the chamber by removing the plug B. By the use of the Automatic Air Valves, the air escapes, and the steam circulates quickly.

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JENKINS STANDARD PACKING.

16 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

EARLE'S PATENT HOSE BAND.

THE BEST, NEATEST, CHEAPEST AND MOST DURABLE IN THE MARKET.

In placing the Earle Band on the market this season, your attention is called to the *simple* and *rapid* manner by which the Band is applied by means of the »NEW HAND CLAMP.«

The Earle Band, when applied, presents a neat and finished appearance. It is as low in price, STRONGER AND MORE DURABLE THAN ANY IN THE MARKET. Now used by the principal manufacturers.

THIS BAND DOES NOT CUT THE HOSE.

THE WRIGHT & RUST PATENT VALVE FILE.

Patented May 29, 1883, Nov. 16, 1886.

NO MORE LEAKY VALVES.

This is a complete, simple and effective tool for repairing the seat of all flat-seated Valves. It is used with an ordinary bit-stock, and Valves can be repaired without disconnecting them from the pipes, thereby saving time and money.

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JENKINS STANDARD PACKING.

THE MASON PUMP PRESSURE REGULATOR.

For Fire, Tank, Elevator, Air and Water Works Pumps, or any class of Pumping Machinery where it is necessary to maintain a constant pressure. The Mason Pressure Regulator is made upon an entirely new principle, the advantage of which is that the steam itself is made both to open and shut the valve. The Regulator may be instantly adjusted to any pressure desired by simply turning the key as shown in the cut.

The especial feature of this Regulator is that the pressure chamber into which the water enters is entirely removed and separate from the steam and all working parts.

The long cylinder at the bottom of the Regulator is a dashpot, the piston of which is connected with the main valve of the Regulator, thereby preventing sudden and violent »jumping« of the pump when the pressure suddenly changes.

For automatic fire sprinkler service they have been found especially valuable, as the valve is thrown wide open immediately the slightest drop in pressure occurs.

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JENKINS STANDARD PACKING.

THE MASON REDUCING VALVE.

This valve is designed to reduce and maintain an even steam or air pressure regardless of the initial pressure. It will automatically reduce boiler pressure for steam-heating coils, dry rooms, paper-making machinery, slashers, dye kettles, and all places where it is desirable to use lower pressure than that of the boiler. It is easily applied, as there are no more connections to be made than in the application of an ordinary globe valve. The dashpot, which immediately fills with condensation, prevents all chattering or pounding, and requires no attention. No extra lockup attachment is needed, as the pressure is regulated by a key, which the engineer retains. The sizes up to, and including 2-inch, are made of the best composition, and above that, of cast iron, with composition linings. A special feature of the larger sizes, which engineers will appreciate, is the manner in which the composition lining is put in. Instead of being forced in, as is usually done, it is hung up in the valve, leaving a space between the iron and composition for the unequal expansion of the metals. There is no possibility of the piston sticking when the valve is heated, and the same fit which is made when cold, in the manufacture, answers when the valve is in use. The area of the passage from the high to the low pressure side of the valve is equal, when open, to the full area of the pipe, so that a low pressure of the system almost equal to the initial high pressure may be carried. This is an advantage when steam is first turned on, as pressure will immediately be admitted to the system. This valve will maintain an even steam or air pressure as low as one pound if necessary.

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JENKINS STANDARD PACKING.

DESCRIPTION.

The principle upon which the Mason Reducing Valve is made is that of an auxiliary valve, controlled by the low pressure, and which admits steam from the high pressure side to operate a differential piston, which is the main valve. By referring to the sectional view, it will be seen that the high pressure enters the reducing valve at the side marked »inlet,» and passing through the auxiliary valve K, which is held open by the tension of the spring S, passes down the port marked »from auxiliary to cylinder,» underneath the differential piston D. By raising this piston D, the valve C is opened against the initial pressure, since the area of C is only one-half that of D. Steam is thus admitted to the low pressure side, and also passes up the port XX underneath the phosphor-bronze diaphragm OO, upon which bears the spring, S. When the low pressure in the system has risen to the required point which is determined by the tension of the spring S, the diaphragm is forced upward by the steam in the chamber OO, the valve K closes, no more steam is admitted under the piston D, the valve C is forced on to its seat by the initial pressure, thus shutting off steam from the low pressure side. This action is repeated as often as the low pressure drops below the required amount. This piston D is fitted with a dashpot E, which prevents chattering or pounding when the high or low pressure suddenly changes.

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JENKINS STANDARD PACKING.

20 If you use Valves, call for and insist on having THE IMPROVED JENKINS BROS.

THE MASON PUMP GOVERNOR.

The Mason Pump Governor is to the direct acting steam pump what the ordinary ball governor is to the steam engine. It attaches directly to the piston rod of the pump and operates a balanced valve placed in the steam pipe, thereby exactly weighing the amount of steam to the needs of the pump, and economizing the same. By using the Mason Governor, you can instantly set or change your pump to any required speed, which will be maintained in spite of variation in load or steam pressure. As all the working parts of the governor are immersed in oil, the wear is reduced to a minimum. It is largely used on vacuum pumps, deep well pumps, water works pumps, ice machines and all classes of pumps requiring a uniform stroke.

Cut shows the governor unattached.

THE MASON LEVER VALVE

Is made essentially the same as the »Mason Balanced Valve,» with the substitution of yoke and lever with weight attached, for the bonnet and knuckle joint of the balanced valve. The lever valve will be found useful in controlling the supply of water in tanks by attaching to a ball float. It can also be used to control steam pumps in tank service, by placing the valve in the steam supply pipe to the pump and connecting the lever with a ball float placed in the tank. The lever valve can also be used in connection with various automatic pressure regulators. The smaller sizes are made of the best steam metal; the larger sizes of cast iron, lined with steam metal. There is no lost motion in any of the joints, a fact which those desirous of close regulation will appreciate.

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JENKINS STANDARD PACKING.

THE MASON STEAM DAMPER REGULATOR.

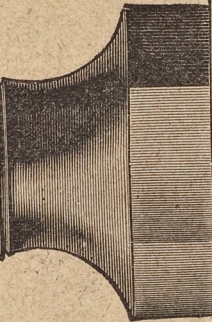
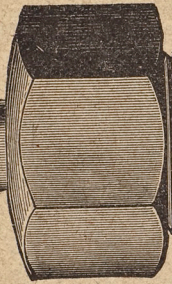
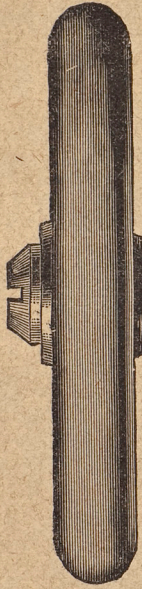
The practical working of the regulator is as follows: (referring to the letters shown on the sectional view). The boiler pressure, which is connected at the pipe C, comes into the chamber E, the top of which is formed by a diaphragm, on which rests the main spring S. If the boiler pressure rises above the required point, or sufficiently to overcome the tension of the spring S, the diaphragm is raised very slightly and the steam passes down the passage X, to the upper surface of piston D, which it forces down. This piston being connected with the wheel on the shaft H, by a chain or rack and pinion, turns it around, communicating a like motion to the outside wheel and thence to the damper in the flue. When the boiler pressure falls the diaphragm comes on to its seat, which covers the passage X, and steam pressure is removed from the top of the piston D, while the weight on the damper brings the wheel P back to its original position. It is the general opinion among engineers that a regulator which suddenly opens or closes a damper to its full capacity wastes coal, which is undoubtedly true; therefore, a device which is known as a compensating lever is provided, in the lever M, which rests on the cam L. As the shaft H turns, the lever is thrown over and works a cam K, which changes the tension on the main spring, immediately the regulator commences to act. By this means it is found that the damper is kept more constant and the draft steady. The regulator can be furnished either with or without the compensating lever, as desired. The small pipe Z is connected to any drip pipe, and carries away all condensation caused by steam, which may enter the chamber A, as the piston D is fitted loosely. Only two sizes are made.

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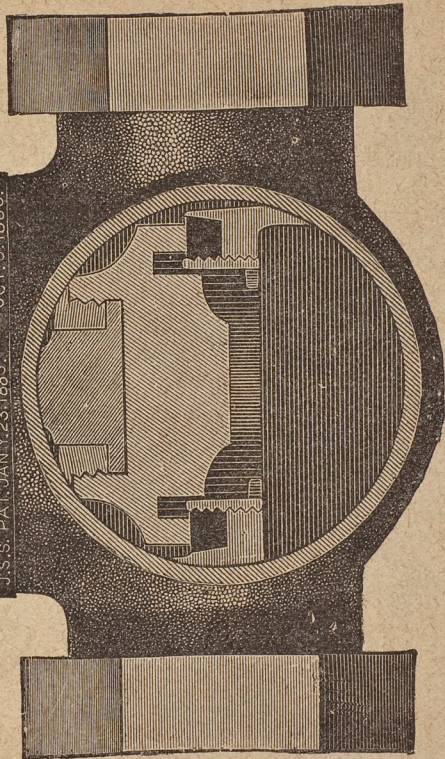
THE MASON STEAM DAMPER REGULATOR

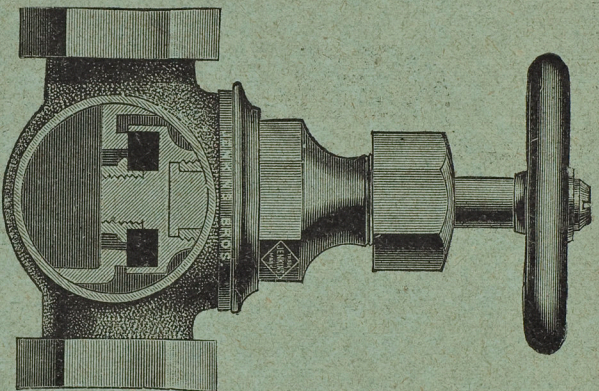
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Accept no Paking as Jenkins Paking unless stamped with their Trade-Mark.
 JENKINS STANDARD PAKING.



J.S.S. PAT. JAN. 23, 1883. — OCT. 5, 1880.





HJALMAR BRATT,
GÖTEBORG.

Förnödenhetsartiklar för
Fabriker, Bruk, Mekaniska Verkstäder m. fl.
Kontor & Lager: Vestra Hamngatan N:o 5.