

JOY REIGNS IN MIDVALE

United States Smelting and Refining Plant is to be Started Up Again.

JUDGE MARSHALL'S ORDER.

**New \$250,000 Bag House and
Flues Are to Be Built
At Once.**

**Number of Men Will Be Doubled, So
That 1,200 Laborers Will be
On Pay Roll.**

through Judge John A. Adams, who is now in the morning allowing the public to see the records of the United States Smeltering, Refining and Mining company, a notification of the decision was granted nearly two years ago by which the company was restrained from smelting all ores at a new era for the company was started this morning. In a verbal decision of but a very few words, Judge Adams shall allowed the company to smelt all kinds of ores at the plant at Bingham Junction under certain conditions. This means that a new \$250,000 battery of furnaces will be built, 24 hours and flues will be \$250,000 a smelter will be, the number of men now at work will be doubled or there is

The motion was allowed this morning after having been under consideration by the court for several days. Several months ago the United States company applied for a modification of the decree that it be allowed to smelt the copper sulphide ores on the same basis that it was allowed to smelt lead ores. The decree was modified shortly after the injunction was granted which closed down all the smelters of the Salt Lake valley. The first modification allowed the smelting of lead ores provided that but three-fourths of one per cent of sulphuric acid was allowed to escape through the stack.

BY SECRET PROCESS.

Ever since the first modification of the decree was allowed the company has been smelting from 800 to 1,000 tons of ore a day. By the secret process of the company which is a bag house and the introduction of zinc oxide and the cooling of the gases, the company has been able to smelt ore with the same

When Judge Marshall returned from Oklahoma several weeks ago, the motion for a modification of the decree was to allow the smelting of all ores under the same conditions as the lead ore was taken up. Eighty-five to one week a large number of experts were examined as to the conditions they found at the smelting plant. The farmers, who were the complainants in the original suit offered no evidence during the hearing. Although they were represented by the attorneys, King, Burton. The defense was represented by Howatt & MacMillan.

After listening to the experts and other proof of the ability of the company to smelt copper sulphides without injury to plant and animal life in

the Salt Lake valley, Judge Marshall took the matter under advisement and this morning gave his decision. It was simply that the motion of the defense for the modified decree was granted on the same terms as the former modification.

As soon as George W. Heintz, local manager of the company, learned of the decision this morning, he telegraphed to the headquarters of the company in Boston, in

quiring as to whether work on the new bag house, which will care for the fumes from the copper ores, should be started at once. It is probable that he will receive orders to begin immediately the construction of the bag house and flues, which will mean the outlay of more than \$250,000.

BAGHOUSE SYSTEM.
By means of the flues the hot gases from the furnaces are cooled and through the introduction of zinc oxide all of the gelliferous matter that was heretofore expelled into the atmosphere is held. The solids are all retained from entering the air.

strained from entering the air by the baghouse system. The arsenic that is saved by this means has been a good source of revenue for the company and within the past 60 days 196 tons of the refined arsenic has been sold. At present it is said that the company could dispose of more than 100 tons of this material.

The present baghouse system has cost the company in the neighborhood of \$250,000 and through the biproduct and the expenses saved in other ways it has nearly paid for itself in the past 18 months.

pleted for the additional ore which will be smelted under the present modification more than 1,200 men will find employment.

When the news of the decision reached Bingham Junction this morning there was considerable celebrating. The smaller plant announced the decision.

"We do not feel chesty over the decision," said Manager Hointz this morning. "It shows that one can be

smelted without harming vegetation and animal life. By our process all the deliterious matter is extracted from the fumes before they are allowed to escape.

"At the same time the modification of the decree is a victory for the farmers. They have accomplished what they

SUGAR REFINING CO. CASE.

company and its officials by Judge Hans in the United States circuit court today. Pleas of not guilty had been offered by all the defendants.