ursday Afternoon, March 9, 1950

iting Sick, Aged Vital

Seeks Flaws

By MURRAY M. MOLER

SALT LAKE CITY, Utah (UP)-A roving camera that takes pie-

tures through steel plates four

studio photographer pictures a

baby" is the pride of a big Utah

grant, started his own metal shop

in a made-over barn 30 years ago,

he had only the simplest of hand

Since then, the Lang Company,

which John Lang still heads, has

expanded until its products are in

use all over the world. It has

grown particularly fast during the

last five years, since the govern-

ment built a mammoth steel works.

now a private operation, at Geneva,

only a few miles south of Salt Lake

City, to meet the west's mounting

Two years ago, Lang felt a need

for a device that could test effi-

ciently the welds of the machinery

and vessels he was fabricating in

Old Way Not Sure

"Up until then," explained G. W.

Dansie, general superintendent of

Lang's fabricating division, "we

had to cut plugs through the welds.

just like plugging a watermelon,

his sprawling shops and yards.

demand for steel.

tools and a forge for welding.

industrial fabricating works, When big John Lang, an immi-

In Steel

### PAGE THREE (Third Section

## WATCH PERSONALIZED

WINSTON-SALEM (UP)-Sturrt Harris lost his gold pocket watch when he was in an automobile accident. He asked police to keep an eye out for it, Harris explained it



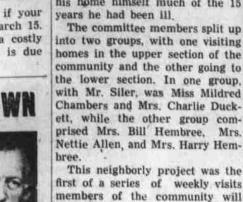
AY an extra tax if your s not filed by March 15. job may cause a costly Tax estimate also is due





food stomach. I was not able and felt so weak I was to be up much of the could not walk about. token fifteen bottles of dian River Medicine and at heartily, sleep well and on twenty-five pounds needed weight. alk to town again. There

t bottle of Scalf's must your money back. Try



members of the community will make: Every Sunday afternoon, members will start out on their visits at 2 o'clock and continue their neighborly rounds until sundown. To pay the expense involved in the gifts, the committee members

velopment Program treasury - an expense that one committee member described as "mighty low for the returns it brings. You just don't put a price tag on anything like that."





Last Sunday afternoon, sick or ged people in 10 Allens Creek omes had unexpected visitors who brought books, fruit and other little gifts.

The visitors were members of a special committee of the Allens Creek Community Development Program, and they were carrying out one of the community's most warm-hearted projects.

Appropriately enough, the chairman of this committee is Rufus Siler-who had been confined to his home himself much of the 15

The committee members split up into two groups, with one visiting homes in the upper section of the community and the other going to the lower section. In one group, with Mr. Siler, was Miss Mildred

ett, while the other group comprised Mrs. Bill Hembree, Mrs. Nettie Allen, and Mrs. Harry Hem-

This neighborly project was the first of a series of weekly visits

draw on the local Community De-



(Drawing: The Good Samaritan by Paul Gustave Dore.)

## "DO GOOD TO THEM THAT HATE YOU"

(Second of a five-part Lenten series reprinting Christ's Sermon on the Mount.)

#### MAT. 5: 21-48

YE HAVE HEARD that it was said by them of old time, thou shalt not kill; and whosoever shall kill shall be in danger of the judgment:

But I say unto you, That whosoever looketh on a woman to lust

when we wanted to see if the work was satisfactory. "Then a patch was made over the plug hole. There was no guarantee that this repair itself would not be defective, nor that there wasn't another flaw an inch away." To the rescue came the X-ray division of the Westinghouse Electric Corp. with a mobile, 250,000-

largest portable device of its nature built. With proper setting, the rays from the machine can penetrate 41/4 inches of cold rolled steel. three inches of brass and 15 inches of aluminum.

Photographs made by the powerful deflice clearly illustrate all types of flaws in the steel and the connecting welds-air bubbles, slag and carbon pockets.

#### **Quick Results**

If these flaws were left in place. some of the material, such as vessels operating under 3,000 pounds pressure per square inch, . might burst in use, with disastrous results

Sighted by the X-ray detector, the flaws are taken out quickly and cleanly. In a 100-foot "bubble tower" for a new Utah petroleum refinery, particularly exhaustive tests were made. Only one flaw was found in the tower. But it was in such a position that if an 18-inch correction had not been made, the costly piece of machinery might have failed in operation. Dansie said the X-ray equipment serves the company "as a club to keep our workmen's output up to

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Sermon On The Mount-(2) X-ray Camera quality - they hever know when we're going to make a check on garded as good only for display in markets, has become an important markets, has become an important "But it's for their own advan- food species.

tage," he added, and "none of our 50 to 60 welders complains." rays. Similar lead shields are

United Press Staff Correspondent dering and highly dangerous X- form of a pencil-size beam,

Operators of the device work be- placed around the spot being pichind a heavy lead shield to prevent tured to concentrate the rays emit. would be easy to identify because them from being harmed by wan-ted by an 18-inch long tube in the in place of numbers the 12 letters

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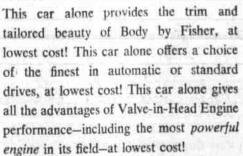
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