tendency new be teasily carried, it amounts either to toadylam or idolatry. And neither of these is desirable.

A TRIUMPH FOR DECENCY.

Disreputable journalism received a crushing blow in Chicago last Baturday, wheo, the jury having returned a verdict of guilty, the wretched propri-etor of the Dispatch in that city was sentenced to \$2,000 fine and two years' imprisonment for circulating bis ob-scene literature through the malls. There may be delay in enforcing the terms of the sentence, but there is little chance for the miserable man to escape the just punishment that has been passed upon him.

It would be a happy day for the couotry, and one more welcome to the decent press than anybody else, tf the same swift justice could overtake all others of the Dunion and the Dispatch They are a foul disgrace to any 112. community where they operate, . blot upon the fair exterior of true civiliza-They are not only an experiment tion. in vice, butan exponent of and apologist They live upon depravity and for it. ein; woree than that, they disseminate its seeds and scatter moral disease everywhere. The innocent and guileless are their prey, and under the false garb of high independence they are the most effective aids to blackmailers, hypocrites, panders and thugs.

In fining Joseph R. Dunlop two thousand dollars when he could bave fixed the sum at thirty thousand, and in giving him two years' imprison-ment when it might have been sixty, the court cannot be charged with baving erred on the side of severity. For such a crime there is absolutely no ground for mercy. The only regret honest people will have in the matter is that the money mulct was not beavy epough to destroy the vile newspaper root and branch, and that the jail penalty was not stern enough to shut the base editor out of the eight of decency for life.

X-IGBAPHY.

Only a few weeks ago the announcement was made that Professor Roentgen of Wuer zourg had discovered a process whereby objects within surfaces generally considered opaque could be photographed. Experiments are now being made by prominent scientists on both sides of the Atiantic with starting results.

The principle on which the discovery rests will be understood from the foilowing summary of an account given in the Weser Zeitung, and reproduced in the Open Court, a periodical devoted to religion and science and published to Chicago.

A long time ago Getesler and Gassiott constructed closed tubes filled with rarefied gases, in the end of which pistinum wires were soldered. Afterwards, Professor Hittorf attached to the electrode through which the negathe electrous through which the nega-tive electricity enters, a flat strip of metal. This electrode is called the cathole. When the gas is quite rare-fied this strip remains dark, while opposite the cathode, on the tube, a

to the composition of the gas, with a yellow, green or bluish light. This is the fluorescent spot. A body within the tube intercepts these cathode rays and throws a shadow on the walls of the tube.

The tubes in this country are known as Crooke's tubes. Crooke originated the hypothesis that the cathode rays are material particles emitted from the metal strip in rectilinear paths. Ger-man scholars, however, took the view that the action was undulatory and bore some resemblance to the rays of light.

At this stage of the investigation Professor Roentgen planned bis experiments. The room in which he was working was darkened. The tube was enveloped in a casing of wood. impenetrable to the electric light and the rays of the sun. Near by was a screen covered with a substance commonly used in fluorescent experiments. It emits a bright white glow when it is atruck by violet light rays or cathode

raye. This screen was immediately illuminated whenever the electricity was usade to pass through the Crooke's tube, although the latter was enclosed in an absolutely opsque casing and was totally invisible to the eye. The conclusion was inevitable that the rays from the tube actually passed through the black casing though this was opsque to ordinary light. The and the retine of the eye; that is, they produce no semeation of light. They issue from the part of the tube where the glass wall is struck by the cathode rave.

It was further found, if an object were placed between this spot and the screen, a distinct, but not perfectly dark shadow of the body was visible on the screen. The rays, consequently, passed through such bodies, but became weskened or absorbed in proportion to the thickness of the hody penetrated.

Scientists are inclined to the opinion bat Roeatgen's discovery is nothing less than that of an entirely new physical ageocy, the long-sought-for longitudinal waves of the ether. Common light-waves are supposed to be transversal, originating in a similar way as the waves in water struck by a stone thrown into it. The presence of longitudinal waves in the bypothetical etber has long heeu suspected but without ectual demonstration.

The practical side of the new discovery at once became apparent. It was found possible to photograph, for instance, the skeleton of living persons, the new rays pendtrating the covering of skin and fleab. The Open Court reproduces a photograph by Pro-fessor Schubert, of Hamburg, in which the interior of a hand is laid bare. The rays have passed through the fleshy parts, which are but faintly scen on the picture, while the bone parts are more distinctly visible, and the gold ring encirciting one finger stands out as a considerably dark object. The picture is really a photograph of the shadow of the objects metal. This electrode is called the rather than of the objects them-cathole. When the gas is quite rare-fied this strip remains dark, while opposite the cathode, on the tube, a spot is visible which glows according at work trying to obtain a picture of American fondness for the bivalve.

the brain, and his experiments are watched with much interest. In Chi-cago, as will be seen in a dispatch from that place Messre. Scribner and Burry, the latter a physician, have already enlisted the new discovery in the service of the medical art. They bave succeeded in locating in a man's band a buck-shot that for two years had caused pain but eluded all efforts to find It.

There is practically no limit to the usefulness of the new x-rays, as they are called, when their nature shall be fully understood. If by their aid the shadows of hidden things can be materialized, their discovery must be the signal of a new revolution in buman arts and pursuits. By their aid, at a no distant future, the very interior of the mountains may be made visible and the earth itself become, as it were, a crystal, a sea of glass.

VALUE OF GOLD AND SILVER.

A curious reason for the improved price of silver is advanced by an eastern gold organ, the argument being none other than that the firmness of silver quotations is due to the enlarged production of gold. The proposition otherwise stated is of course that gold le getting cheaper; and if overprouuction makes gold cneaper, the theory of the enemies of the white metal that silver is only a commodity and should be treated as such, applies equally to be treated as such, appries equally to the yellow metal. Then what becomes of the "fixed value" of gold, which even in their most enthusiastic moods is refied upon most strongly by the monometallists to support their idea of a single gold standaro?

What causes the rise in the price of the white metal under the increased production of gold and the stationary or reduced production of silver is undoubtedly that the value of the silver coupledly that the value of the silver is measured by the gold. But would not an increased demand for silver bave the same effect? It would surely do so. But inasmuch as the opening of the minis to silver coinage would increase its value, and would reduce the demand for and lessen the value of gold, the gold patriots resist it to the gold, the gold patriots resist it to the last extremity and exclaim vain things about the "bonest" dullar. The hon-esty of motives is a subject which they do not seem so anxious to discuss.

IN SEARCHING out the veterans of southern Utah, the St. George Union names a lady who "was baptized into the Church in 1341." That was 555 years ago; and the Union must excuse us from swallowing its pill this time.

THERE ARE a great many people who are convinced that the problem has been narrowed down to this: Shall the government own the railways, or shall the railways own the government?

IS IT any wonder that times are hard in cities where there are twice as many saloons as bakeries and grocery stores?

SFCRETARY CARLISLE May not be an ideal treasury cutef, but no one has ever had better luck in selling bonds.

IT TAKES about twenty-five million busbels of oysters per year to satisfy the

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