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WAITING FOR SOMETHING TO TURN UP.

He had formerly been a printer, he said to the Congressional Labor Committee; but for the past two years he had been "one of the unfortunates who had been obliged to wait for something to turn up." His name was W. Godwin Moody, of Boston; and while waiting for something to turn up he had-like so many idle men-solved the labor problem-to his own satisfaction. When the Committee asked him a plain question or two, however, calling for facts instead of confident assertions, Mr. Moody got sady mixed up, the reporters said, and "floundered into all sorts of ridiculous assertions, theories, statements, and vagaries, highly amusing to listeners." Of one thing he appeared to be very sure, namely, that he was one of some 3,780,000 men in the United States, unemployed and waiting for somenearly a million less than this, there is reason to believe Massachusetts conclusively prove that Mr. Kearney overmany people to-day in Mr. Moody's situation, idle and waiting for something to turn up. The proportion of the idle times; still the aggregate for the whole country must be considerable. Whose fault is it? and how is the difficulty to be remedied?

up very well of themselves; and in the busiest times the acquainted. men who have not force enough to make occupation for but few exceptions the same is true of every sort of labor. Where the aggregate amount of labor called for in a paras in the case of iron makers by the substitution of steel for habits of observation which are of more value than capital. iron in the arts, the only thing for the displaced workmen to do is to try something else. To fold their hands and wait for something to turn up is to invite starvation.

It used to be the boast of American workmen that so independent. If one calling failed they could turn to something else. If no man wanted to hire them they could be their own bosses, and at least make an honest living while waiting for the occupation they preferred to come around again. Such is the industrial condition of the great major- depends to a great extent on his power of observation. ity of American artisans now; and these men are not without something to do. The small minority that choose to wait in idlencess for something to turn up, but take pains Mr. Moody's condition-and deserve to be.

In times of severe commercial depression and consequent industrial distress, such as recently prevailed among us, many thrifty and industrious people are thrown out of work themselves, do what they can, and rarely have to wait long the past six weeks, with stock capitals of \$10,000,000 each, for remunerative employment. The minority, who will do an aggregate of \$120,000,000? one thing or nothing, and rather prefer the latter, are apt to make a great hullabaloo about their personal grievances thinnest shadow? and the hardness of the times; but they do not distinguish nate, we have none whatever for self-made misery; still less edge of assessments? for those who quarrel with the natural order of things, their exclusive benefit.

falls far below the average in self-reliance, capacity, energy, and thrift. Put such a man on the best piece of land in the world, away from society, and he would either run away or starve. Men of that stamp are not the stuff out of which successful colonists are made. As Mr. Henchman somewhat roughly put it: "Those who would suffer themselves to be transported free to the public lands would not be worth the freight."

VALUE OF OBSERVATION IN INVENTION.

It is said the world over that "necessity is the mother of invention," but the fact is that only a small proportion of the patented inventions of the day have been called forth by sheer necessity. The multitude of inventions made in this country may be attributed chiefly to the great desire of

While some men invent because they perceive and apprethat Mr. Moody's statistics are not wholly to be depended ciate a need therefor, others in a laborious way study and on, especially as the results of the recent labor census of experiment almost without special aim, having a desire to do something, without knowing whither to direct their states the number of the unemployed at least ten to one. thoughts. It is not so difficultoften to devise means for ac-But let that pass: the fact remains that there are a good complishing a known object as to discover that the thing needs to be done. It thus appears that a vital point with the inventor is to see where chances for improvement lie. (willing or unwilling) to the employed is probably not much Close and well directed observation only can reveal these opportunities.

It may be said that to follow any line of investigation requires a special knowledge of that particular line, and that it is impossible for any person to have a comprehensive We fear that many of them, a very large proportion in- knowledge of everything; but the history of invention shows deed, are like Mr. Moody, idle because they prefer to spend that many important improvements have been made by pertheir energies in denouncing capital and machinery, while sons unfamiliar with the art to which the inventions perwaiting for something to turn up, rather than buckle-to tain. This is accounted for by the singular blindness of and help to make something turn up. Things do not turn most men to the defects of things with which they are best

A systematic inspection of every device, whether new or themselves are little likely to have employment thrust upon old, therefore, with a view to the discovery of possible them, except under conditions neither enjoyable nor per- chances for improvement, and a close observation of sonally profitable. Mr. Moody was formerly a printer. methods of doing things in the various branches of manufac-Whathinders his being a printer now? If we mistake not ture, and in every day life in the household, are, generally the demand for printers is as great as it ever was. With speaking, a sure means of opening the avenues that lead to success. Nothing should escape the notice of the inventor. He should train himself to observe, weigh, and consider ticular field has been largely and permanently diminished, everything that comes under his notice, and thus acquire It is not essential to the success of an invention that it should be better than others of its class, nor is it always requisite that it should be less expensive. If the new device is equally as good as the old, costs no more, and accomlong as they had health and hands they were practically plishes its object in a different way, it will with proper management command a place in the market. It is therefore in the province of the inventor not only to develop things entirely new, but to try to accomplish known results by new means. The success of an inventor in doing these things

----SPECULATIVE MINING.

It would seem but natural to suppose that the recent years not to assist in turning up anything, are very apt to be in of commercial distress and shrinkage of all property values would have taught every one having money left to invest to discriminate between shadows and substance, but it is plainly evident that such is not the case in every instance.

How much probable substance is there, for example, in the by no fault of their own; but they do not helplessly wait, twelve mining companies which, we learn by our exchanges, year after year, for something to turn up. They bestir have organized in California and contiguous States during

How much of this represents substance and how much the

If we were to allow \$1,000,000 for the purchase value of themselves by practical or strenuous effort in the way of each mine (assuming the property to be exceptionally valuaproductive industry. The times are bad for them, chronic-ble) and the machinery and labor requisite for its developally bad, always, however busy their neighbors may be; ment to the point where its revenues would (if ever) exceed and the thrift and prosperity of others only make their case its expenses, we should be considered liberal in the extreme; seem all the worse in their own estimation. They will not as rarely, or never, has a mine been properly worked whose see that their misfortune arises oftener and more largely "true inwardness" has not been arrived at or understood from causes purely personal-incompetence, intemperance, with an expenditure of half this amount. Of what use, then, lack of force, or lack of integrity and moral worth-than is the remaining \$108,000,000 of stock, unless it is to be philfrom hard times or an insufficient demand for labor that is anthropically distributed among "outsiders," at ten cents on worth hiring. With the utmost sympathy for the unfortu- the dollar, to give them opportunities for practical knowl-

The passion for gambling, which in some measure is indemanding that the government shall overturn society for herent in all men, is shrewdly understood and taken advantage of by exploiters of affairs like these, and hence they offer the alluring bait of ten chances for a dollar with very reasonable hopes of success, and count, by the manipulation of stocks and levying of assessments, to close the game in due course of time, with stock, dividends, and mines all under

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the earth since the creation. ASTRONOMY.-Professor Henry Draper's Eclipse Observations.-Re-cent Photographic Observations of the Solar Surface.-Sun spot Screen for Small Telescopes. By B. TEMPLAR, F.R.S., 2 figures.-A New Method of Grineling Glass Specula. By Professor ELIHU THOMSON. Full directions to amateurs. A simple and accurate method, with 5 v.

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Paris Green. The Electro-sapillary Phenomena of the Human Body. From the French of E. OULTOS and CHARLES LEGRAS. M Recquerel's princi-ples Researches into the electrical currents of the human body, with experiments The Evolution of Vertebrate Limbs.

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A 4 A 4 A CHARITABLE COLONIZING.

It has frequently been urged in the Congressional Labor Committee and in the public journals that Congress might do much toward equalizing the distribution of labor by gaththeir control.

ering up the unemployed and putting them upon new lands in the West. Indeed, the idea of colonizing the idle is a favorite one with many theoretical philanthropists. They forget, however, the essential fact that a successful colonist must be a man of more than average resolution, patience,

and ability. He must be willing to work long and hard, to endure pluckily many privations, in the hope of future reward; and often he must expect the reward to come not to himself, but to his family after he is dead. He must withal world; and be willing to be deprived of society and social props.

So often and successfully has this game been played that one almost ceases to pity the willing victims, whose folly renders the success of such impositions possible.

These relics of the old times must be utterly repudiated by all those who are interested in the legitimate development of our mining interests; and the sooner they are struck out of existence the sooner will mining enterprises in general win their deserved position in the estimation of the public.

Speculation increases at the San Francisco Mining Exbe able to stand on his own feet; to hew his own way in the change, and fortunes are reported to have been suddenly made by the rise in Ophir, Bodie, Grand Prize, Mexican, Union Consolidated, and others. The Bodie, which has but recently

The idler, in city or town, is very apt to lack each and all attracted attention, is in Mono county, California, and a reof these qualifications. Most likely he is idle because he cent shipment of \$134,000 from it, as the result of a ten days'