

the proper arrangements, and secured to himself the right and reward to which he is so justly entitled. *Let this be distinctly understood, that this process will not be monopolized*; but be placed within the reach of all worthy Daguerreotypists and Artists.

At a recent interview with Mr. Hill, he expressed a wish that he might be freed from the many and increasing communications *requiring answers*, that are now received by him, on the receipt of every mail. It is to be hoped that our Daguerreotypists and others, although they may feel greatly rejoiced at the discovery, will bear in mind that just at the present moment, it is for the interest of all that Mr. H. has the command of all his time, in perfecting his valuable discovery.

We should say that some little difficulty has been experienced in producing one color, (the yellow), but now it has in a measure been obviated, and not a particle of doubt remains; but that all colors *have been and can be again produced* by the HILLOTYPED process. The following communication will be received with interest.

For the Daguerreian Journal.

THE NATURAL COLORS.

Mr. Editor:—In answer to your request that I should furnish a communication for your valuable journal, I would express a few thoughts under the above caption. It has been pretty widely circulated, that I had discovered a process for Photographing in colors. The facts are these:—Some two years ago, I took to experimenting, with a view to this great desideratum, but with little faith. In one of my experiments, a phenomenon presenting itself which greatly surprised me, and, in the nature of the case, compelled me to believe the thing practicable. One color, the *red*, in a figured dress, was developed as bright as a ruby. I then repeated the experiment, and

failed; but, from that hour until a few months ago, I continued to repeat it in every form I could think of—always failing, but never despairing—for I had reasons for believing in the correctness of my theory, that, *under certain circumstances*, there is on the impressed plate a *latent-colored image*. I at length commenced experimenting on the *developing power* of the vapors of different metals, and found that a large number of them, such as arsenic, padmium, zinc, selenium, bismuth, potassium and sodium, would, when properly vaporized, bring out the latent image in light and shade. The same result followed the use of several gases. The impressions differed so little from Daguerreotypes, that I was on the point of abandoning the pursuit, when I one day unexpectedly, formed a singular compound, and, without much hope of success, applied it to my purpose.

My surprise and joy were unbounded when I found on my plate a true Hillotype. The same process, with some variations, have followed since, always with good results. I now have forty-five specimens, all of which present the several colors, true to a tint, and with a degree of brilliancy never seen in the richest Daguerreotype, and this is true also of the whites and blacks. The pictures have much the appearance of *enamelling*, and I believe are equally durable for it is very difficult to efface them by scouring; and as far as I can judge, they are not acted upon by light. My process bears a resemblance to Becquerels, and is essentially different from Daguerre's.

My success in *quickenning the plates* has

* We substituted the word Hillotype in place of the one inserted by Mr. Hill.—ED. D. J.