

### Then and Now.

The wonderful progress made within the last fifty years in that branch of applied science known as the Mechanic Arts finds a fitting illustration in the picture, "Harvesting in the Olden Time," in so far as it represents the methods and appliances employed in garnering the cereal products of the field half a century ago. Almost a regiment in number, of sturdy, industrious reapers for a whole month, was required to gather the harvest of a fifty acre farm, in "grandfather's day." How slow the progress, how arduous and laborious the task, and how very tedious it must have

been to cut down the grain fields by such crude appliances and simple methods as were those of "putting the sickle to the corn?" But modern invention has, as in many other pursuits, completely revolutionized the business of the agriculturist. Machinery of intricate construction and wondrous power, quick and subtle as thought itself, endows the tiller of the soil to-day with the potency of half a score of giants, lending him an hundred arms, and thus enabling him to cultivate his "broad acres"



HARVESTING IN THE OLDEN TIME.

which he now numbers by the hundred, with comparative ease and marvellous rapidity. Herefore we have been wont to represent that venerable gentleman, "Old Father Time," as bearing a long, bowed scythe fastened to a tortuously twisted sheath, but in view of the fact that both the sickle and the scythe have long since been discarded as implements of husbandry, would it not be well to present the old gentleman, in recognition of his long and faithful services in the past, with some more suitable machine, emblematic of modern progress, say one of our new, double geared, self-adjusting, back-actioned, cut-forty-rods-in-a-minute mowing machines?

### Our New Map.

The map of British Columbia, published in this issue, showing its geological formations, mineral deposits, isothermal lines, etc., was drawn by W. D. Patterson, C.E., who is, by the way, an enthusiast on geologic and mineral subjects. He has devoted much time and painstaking labor in its preparation, and if the work of the engraver were equally well performed the map would be a very valuable and useful one. The authorities consulted were the Reports of Richardson, Selwyn and Dawson, of the Dominion Geological Survey, and Professor Dove's and Professor

Bache's charts, besides half a score of other books and maps, the whole materially supplemented by Mr. Patterson's own observations extending over a period of twenty-two years, during which time his business as land surveyor and engineer, rendered it necessary for him to traverse the greater portion of the country delineated.

Read the advertisements in this number, as they represent the most liberal business firms of this city, those who desire to promote the com-

mon weal. Your duty and your interests should prompt you to give them your patronage.

OUR PAPER.—We have purchased a complete new outfit for the Resources, but as a few very necessary articles have been delayed in transmission, we were obliged to prepare this issue without them. Our next number will contain, in addition to several wood engravings, a splendid frontispiece page of lithographic portraits of distinguished self-made men of British Columbia. The paper will also present a better appearance typographically.