This invention relates to a new and useful improvement in devices for dusting and polishing surfaces and has particular reference to a device for dusting and polishing automobile bodies. The main object of the present invention is to enable a person to quickly, and easily to dust and polish a surface such as that of an automobile body without the least risk of messing up his clothing or getting his hands all covered with dirt and polish.

A further object is to provide a device which can be very readily manipulated to achieve the dusting and polishing action while a person is standing up and not too close to the surface being treated.

A further object is to provide a device which can be readily assembled and disassembled and wherein the parts can be readily replaced for repair and replacement.

Further and more specific objects, features, and advantages will more clearly appear from a consideration of the detailed specification hereinafter set forth especially when taken in connection with the drawings which illustrate a present preferred form in which the invention may assume and which form part of the specification.

In general terms, the invention includes a handle portion to which a transverse block or bar is removably connected. To one side of this block or head on the end of the handle, is fastened in any desired manner, a mass or body portion of soft mop-like material generally of filamentary character and on the other side of the block and attached thereto in any desired manner, is a relatively flat and considerably firmer flat plate of suitable material such as sponge rubber, which can be employed to polish the surface. In most instances, the block and its attached dusting and polishing elements will be encased in a bag of textile material, which has been impregnated with any suitable cleaning substance and the bag is fully and loosely disposed around the end of the device to inclose the dusting and the polishing element.

The function of the filamentary material 13 is to employ a large surface and even pressure over irregular surfaces of the car. To remove accumulated dust from the surface of the bag, it is merely necessary to shake the device in a vertical motion, thus forcing air from inside through the material of the bag. The construction is such that the bag can not fall off the head while being thus shaken and while being used in vertical movement in dusting around doors and mud guards along the cars.

It has been found, after considerable practical use, that this device is highly efficient, that the person can stand some feet away from the car and by manipulating the handle can dust the car thoroughly by placing the side of the bag to the surface to be treated, back of which both sides is the soft cushion-like filamentary material and then by merely turning over the device, can present the surface of the bag to the car back of which surface is disposed the relatively harder plate or disk for the purpose of polishing. Thereafter to change from one function to the other, it is merely necessary to flip the device over in the hand without having the hands of the user coming, at any time, into contact either with the surface being treated or the device being employed.

In order to provide means for dusting a surface such as the body of an automobile, I have supported on one side of the handle portion of the cover and filamentary material removed and other parts in section; and,

Referring now merely to the particular form of the invention shown in the drawings, it is to be noted that the device is extremely simple and includes an elongate handle portion 10. To the end of this handle is transversely connected a bar 11 or block, which has a threaded bore into which the threaded end 12 of the handle may be disposed. This block or bar and the handle may be preferably formed of wood or similar material.

In order to provide means for dusting a surface such as the body of an automobile, I have supported on one side of the block or block 11, a mass of soft material 13 which as shown in Figure 2, is disposed along one side of the block and also around the top and the bottom thereof. This material is of any suitable soft nature but generally is similar to the material of an ordinary dry mop. It is, in any suitable manner, connected to and supported on a cloth 14, which can be attached to the block 11 in any desired manner. This soft filament material may be preferably in dusting or wiping off a surface and it provides a soft cushion and for the purposes subsequently mentioned.

On the other side of the block 11 is disposed a flat plate or layer of firmer material than the material 13 and preferably it is of the nature of soft spun rubber or similar material, which is somewhat flexible but firmer than the material 13 and may be considered as an element to apply to the surface of the car or other device for the purpose of polishing after the said surface has been dusted. In the use of this device it is perfectly obvious that after the soft material 13 has been applied to the surface to be dusted, it merely requires the device to be turned around by means of the handle 10, to polish the dusted surface.

In order to hold the soft filamentary mop-like mass 13 together and within suitable limits, I have provided an enclosing bag 16, which is slipped over the material 13 and the plate and has a bottom opening 17 permitting this positioning of the bag. This bag is made of any suitable textile or similar material and preferably is impregnated with any desired or suitable chemical to act effectively in picking up the dust and in polishing the surface being treated. The nature of the chemical or material with which this bag is impregnated forms no part of the invention.

In generally considering the above specific description of the construction of device shown, it will be apparent that I have provided a simple and efficient device whereby for instance, a car owner may thoroughly dust and polish his car by manipulating the handle 10 and effectively performing this job without his hands in any way coming in contact with the dirt or dust, or any polishing material that may be employed or may be contained in the enclosing bag above mentioned. The device has been tested in actual use and proved highly efficient and its test by many people thoroughly familiar with the needs of an effective car cleaning device have proved beyond peradventure, that it performs the functions above stated and achieves the objects for which it was designed. In approaching a surface to be treated, the operator presents the bag to the surface on that side, back of which is a soft mop-like cushion 13 and the dust may be effectively removed while at the same time, the cleaning chemical in the material of the bag may be treating the surface in a manner similar to the first application or a polishing soap or liquid. After the surface is thus dusted and treated, the handle is turned to the side of the bag, back of which is the polishing plate 15, to be placed on the surface. This surface being firmer will more effectively rub the treated surface and create a high polish therein. In all these operations, it is
3 primarily apparent that the whole manipulation can be effected without the hands of the operator coming anywhere near the surface being treated.

While the invention has been described in detail and with respect to the preferred form shown in the drawings, it is not to be limited to such details and forms since many changes and modifications may be made in the invention without departing from the spirit and scope of the invention in its broadest aspects. Hence, it is intended to cover any and all forms and modifications of the invention which may come within the language or scope of any one or more of the appended claims.

What I claim as my invention is:

1. A combination dusting and polishing device which comprises a handle, a transverse block disposed on the end of the handle, a cloth cover for said block covering three sides of said block, said cover having long mop filaments connected thereto and supported on said cover, and projecting outwardly therefrom and from said three sides of said block, the fourth side of the block having a plate of soft rubber in contact therewith, and a chemically impregnated bag loosely disposed around the block, the filamentary material and the plate, said bag having an opening extending substantially along its bottom edge but being of lesser width than said block, said filaments being pliable and yieldable and incapable of pushing through said bag.

2. A combination device for dusting and polishing surfaces which comprises an elongated handle, a block transversely and detachably connected to said handle, a cloth cover for said block covering three sides of said block, said cover having long mop filaments connected thereto and supported on said cover and projecting outwardly therefrom and from said three sides of said block, the fourth side of the block having a plate of soft rubber in contact therewith and a generally rectangular chemically impregnated bag having an opening in its bottom edge and surrounding the block, the upper end of the handle, the polishing plate and the filaments, said opening extending substantially along its bottom edge but being of lesser width than said block, said filaments being pliable and yieldable and incapable of pushing through said bag.

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