W. H. BOGARDUS.

SERVICE TAG.

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1,332,421. Patented Mar. 2, 1920.

Fig. 1.

E 45153 a

DATE E 45153

NAME

ADDRESS

CITY

THE SPACE BELOW MUST BE FILLED IN CORRECTLY

REC'D BY	VIA	CHARGES	DEL'D BY	VIA	DATE

ARTICLE RECEIVED

INSTRUCTIONS

WILL CALL		INVOICE or A No.
DELIVER		
RET'D AS REC'D		
GUARANTEE		PRICE
POLICY		CREDIT APPROVED
SHOP GUAR.		SCRAP CREDIT
REPLACEMENT A/C GUAR.		PROMISED
A/C POLICY		

b

E 45153 c

E 45153 d

NO GOODS DELIVERED WITHOUT THIS CLAIM CHECK

E 45153

Fig. 2.

a

CEMENT	P.P.	VULC.	LBS.	OZ.
204	GA			
305	GA.			
306	GA			
309	H'V'Y FABRIC			
349	"	"		
OTHER MATERIAL				

WORKMAN	HOURS	MIN.

DATA ON REPLACEMENTS

b

c

d

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SERVICE-TAG.

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To all whom it may concern:

Be it known that I, WILLIAM H. BOGARDUS, a citizen of the United States of America, residing at Chicopee, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Service-Tags, of which the following is a specification.

My invention relates to tags and more particularly to a service tag.

In automobile service stations where tires are turned in by the customers to be repaired, confusion of goods is frequently caused, or avoided only with great difficulty, because of the fact that the "article" delivered by the customer frequently consists, in fact, of several articles—the tire casing, the tube, and the rim. Prior to beginning work on the element, or elements, of this group, on which repairs are to be made, the elements are, of course, separated. And when the job is finished, it is only with great difficulty that the elements are identified as forming parts of the single group or "article" and as property of the particular customer. Also, it is a very considerable task to properly keep track of the material and labor charge.

I have devised a service tag which provides for the convenient identification of the elements of a group, for the convenient keeping track of the material and labor charge, and for the convenient identification of the group with the customer.

The principal object of my invention is to provide a service tag for use in identifying the elements of a group while the elements are separated, for use in identifying the group and its elements with the claimant of the group, for use in keeping data relative to the claimant and order, and for use in keeping track of certain data relative to the group or any of its elements, such as the material and labor costs of repairing certain elements of the group.

To this end and also to improve generally upon devices of the character indicated, my invention consists in the following matters hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a face or front view of a service tag embodying my invention, and Fig. 2 is a rear or back view of the same. Referring now to the drawings:

The illustrated tag is conveniently made of heavy Manila paper and comprises a unitary whole divided by transverse lines of perforations *a*, *b*, *c*, *d*, into five separable portions 1, 2, 3, 4, and 5, portions 1, 3, and 4 being apertured for the reception of attaching means, as strings (not shown). Each of the portions bears the same identification character, as the number E 45153, on its face.

The portion 2, or body, carries upon its face certain captions and blanks for entries, such as, as illustrated: data relative to the customer or claimant, as his name and address; data relative to the order, as date, circumstances of receiving and delivery, identification of article and instructions, and, at the left and right respectively, data such as, when the goods will be called for, etc., and invoice number, price, etc. Upon its rear side the portion 2 carries, as illustrated, captions, conveniently printed thereon, for the entry of cost data, *i. e.* labor and material entries:—on the top line, the kind of cement—Cement—that might be used, as pure Pará—P. P.—and vulcanizing cement—Vulc.—; on the second, third, and fourth lines, at the left, the grades of raw rubber that might be used—204, 305, 306—; on these same lines, in the center, the caption for gage—Ga.—indicating the point for the workman to fill in the thickness or gage of the raw rubber used; on the fifth and sixth lines, the grades—309 and 349—of the heavy fabric—H'v'y fabric—that might be used; and, on the seventh line, the caption indicating the point of entry for other materials used—Other material. At the extreme right are the captions and blanks—Lbs.—and—Oz.— for the entry of the weights of the various materials used. Next below are the captions and blanks for entry of the workmen's names and times, and, finally, is the caption and blank for—Data on replacements.

The portions 3 and 4, bear, as illustrated,

nothing on their faces except their identification number while the backs of these portions are left blank, as for cost entries. The portion 5, or claimant's check, in addition to the identification number, conveniently bears, as illustrated, the directions to the customer as "No goods delivered without this claim check."

Conveniently, and as illustrated, the portions 1, 3, 4, and 5 are made smaller than the body 2 as it has been found in practice that there is no necessity for making them as large as the body 2.

The portion 1, with the body portion 2 attached, is for attachment to the part to be repaired or, if more than one part is to be repaired, for attachment to that part, the work upon which will necessitate the entry of the greater amount of cost data. The body portion 2 is designed to be a file record, eventually detached from the portion 1 for filing. Portions 3 and 4 are identification tags for the parts not to be repaired or for those parts, the work upon which will necessitate the lesser amount of cost data, as compared to the part to which the body portion 2 is attached. The portion 5, as noted above, is the claimant's check.

In use:—suppose that a customer brings to a service station a casing, tube and rim, all forming, so far as the customer is concerned, a single "article." The casing is to receive repairs calling for the entry of a large amount of cost data, the tube is to receive, say, merely a patch calling for the entry of but a small amount of cost data, and the rim is to have nothing done upon it. The service station employee, or bailee, tears off the portion 5 or claim check, and gives it to the customer, bailor, or claimant. The employee then attaches the portion 1, with the portion 2 still attached thereto, to the casing, as that is the element whose repair will mean the entry of a large amount of cost data, and on the face of the portion 2 fills in the identification data, the articles received, etc. He tears off the portion 3 and attaches it to the tube and he tears off the portion 4 and attaches it to the rim. The rim, with the portion 4 attached, is sent to storage. The casing with the portions 1 and 2 attached is sent to the shops where the portion 2 is torn off, the materials used for the casing noted on its back, as by checking "Cement" and "P. P." and "204"; filling in, before "Ga." and on the line with "204," the gage of the raw rubber of grade 204 that was used; checking "309 H'v'y fabric"; noting what "other material" was used; filling in, under "Lbs" and "Oz," opposite the material captions the respective weights of the materials used; and making the labor entries by filling in the name of the workman and his time. Thus, the portion 2, now carries, in addition to the information on its face, the materials and labor cost data of the repairs made on the casing. The portion 1 remains attached to the casing.

When the repairs are completed, the casing, with the portion 1 attached, is placed in storage and the portion 2, being in the character of a file-card is held at the delivery counter in alphabetical file, as a record of completed repairs, until such time as the customer calls and presents his claim check and delivery is made. The tube, with the portion 3 attached, is sent to the shops and repaired, the cost data being filled in on the back of the portion 3. When the repairs are completed the tube is sent to storage and the cost data appearing on the section 3 are added to the cost data appearing upon the back of the body portion or section 2. The portion 2, because of the entries thereon, of articles received, will show that a tube and rim were received with the casing and that, therefore, the three should be assembled and mounted the same as when received, and, since the casing, the rim, and the tube each bear the same identification number, they are quickly, and with no chance for error, re-collected and assembled into the group. When the customer or claimant presents his check, he is positively identified with the group, as his check bears the same number as the group, and delivery can at once be made. Should one not the proper claimant present the claim check the deception will be quickly discovered as such a one will not know the name of the true claimant appearing on the alphabetically filed portion 2, as nothing of an identifying character, except the identification number, is intended to appear on the claim check. After delivery has been made and proper receipts given, the portion 2 is given to the billing clerk as a medium for rendering invoice.

The various captions, or titles, and so forth, and the various lines to define the blanks are conveniently, and as illustrated, printed in ink upon the material of the blank; the tag, in the present preferred embodiment of my invention, appearing, before use and prior to the making of entries thereon, substantially as shown in the drawing.

What I claim, and desire to secure by Letters Patent, is:—

A tag comprising a filing card having a section detachably secured at one end, said section being provided with means for attachment to an article, the filing card being attached to the article through the medium of the detachable section but adapted to be torn off from said section and filed away for record, the other end of said filing card being detachably secured to another section which may in turn be detachably secured to another section both provided with means

for attachment to an article and adapted to be separated from the filing card and from each other, said sections constituting individual tags whose lengths equal the width of the filing card with the article attaching means for each disposed at one end thereof, and a check member detachably secured to one of the last mentioned sections and adapted to be detached therefrom and retained as a receipt, the check, detachable sections and the filing card all having the same identification means.

WILLIAM H. BOGARDUS.