

Original Steristoppers®



HEINZ HERENZ
HAMBURG

GERMANY

Only trust the original:

Steristoppers®

made by Heinz Herenz Hamburg!

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GERMANY

BUNDESREPUBLIK DEUTSCHLAND

Original patent document
for Steristoppers®
issued by
German Patent and
Trademark Office



Urkunde

über die Erteilung des Patents

1 467 937

Für die in der angefügten Patentschrift dargestellte Erfindung ist in dem gesetzlich vorgeschriebenen Verfahren

dem Herrn Heinz Herenz, 2000 Hamburg

ein Patent erteilt worden, das in der Rolle die oben-angegebene Nummer erhalten hat. Das Patent führt die Bezeichnung

Als Bakterienfilter wirksamer gasdurchlässiger Filterstopfen

und hat angefangen am 13. März 1965

Deutsches Patentamt



Past:

It was a time consuming, costly and labour-intensive work practice to manually twist and roll several layers of cotton wool to produce breathable closures for Erlenmeyer flasks, test tubes and reagent bottles. Qualified staff members had to invest a significant portion of their daily time for performing this work. Thus several hours dwindled away daily: Lost time - day for day, year by year ...



Present:

The inventor Mr. Heinz Herenz, creator of a range of laboratory improvements, could not ignore these facts. As business amongst his customers continuously expanded, he decided beginning of the 1960s to put an end to this laborious cotton wool twisting and waste of valuable working time. He traced an adequate supplier being capable to supply a sufficient amount of medical grade cellulose and started developing the Steristoppers® in painstaking detail work.

From this arose a wide range of types and sizes of sterilisable, breathable closures which are nowadays known as Steristoppers® all over the world. Throughout its development an institute of hygiene in Hamburg took over the test series to ensure that all Steristoppers® will meet the specific characteristics that make them unique.

After a long and challenging origination process Mr. Heinz Herenz eventually was in a position to file a patent application for the Steristoppers® on March 13, 1965, which was approved later that year.

The Steristoppers® were from the beginning enthusiastically received and accepted during international exhibitions and trade shows. Within short time they became a worldwide known and desired product.

Today this German invention is a STANDARD PRODUCT which enjoys privileged and preferred status in most prestigious national as well as many famous international laboratories and research institutions.

Please also see: <http://de.wikipedia.org/wiki/Steristopfen>



*No more twisting
of cellulose!*



ORIGINAL Steristoppers®

- are autoclavable up to 200 °C
- are bacteria filtering
- are sterilizable
- are air permeable
- are saving time in the laboratory
- have a competitive price
- are designed for single use
- are available from 4-71 mm Ø

Original Steristoppers®

have proved as an **excellent sealing for microbiological samples and tissue cultures** in test tubes and Erlenmeyer flasks. They are in constant use in many leading microbiological laboratories world wide.

Original Steristoppers®

have been developed for microbiological work by Heinz Herenz, Hamburg.

German and foreign trade mark rights.

The following pictures are showing the shapes of Steristoppers® in approximate measurements of 1:1.

- In order to select the best fitting size of Steristoppers® only **the internal diameter** of the glasses will be relevant.
- The range of internal diameter of the glasses into which the Steristoppers® are fitting is mentioned under each shape.
- It is advantageous to check the diameter of several glasses in order to eliminate tolerances which are sometimes to be found in the internal diameter of the neck of the glasses.
- Of course there are always free samples available and if you send sample glasses of yours we will choose the best fitting Steristoppers® out of our range.



4

Glasses internal Ø of:
6,5 - 7 mm
Item: 1010400



5SK

Glasses internal Ø of:
4,5 - 6,5 mm
Item: 1010503



5S

Glasses internal Ø of:
5,5 - 6,5 mm
Item: 1010502



6F

Glasses internal Ø of:
6,5 - 7,5 mm
Item: 1010604



7

Glasses internal Ø of:
8,5 - 9,5 mm
Item: 1010700



7d

Glasses internal Ø of:
7,5 - 8,5 mm
Item: 1010715



8

Glasses internal Ø of:
9,5 mm
Item: 1010800



8P

Glasses internal Ø of:
7,5 - 10,5 mm
Item: 1010801



9

Glasses internal Ø of:
10,5 - 11,5 mm
Item: 1010900



9D

Glasses internal Ø of:
7 - 9,5 mm
Item: 1010906



9k

Glasses internal Ø of:
8,5 - 10,2 mm
Item: 1010905



9P

Glasses internal Ø of:
9 - 10,5 mm
Item: 1010901



10

Glasses internal Ø of:
9,5 - 11,5 mm
Item: 1011000



11

Glasses internal Ø of:
12 - 14,5 mm
Item: 1011100



12P

Glasses internal Ø of:
11,5 - 13 mm
Item: 1011201



12

Glasses internal Ø of:
11,5 - 13,5 mm
Item: 1011200



12,5

Glasses internal Ø of:
10,5 - 12,5 mm
Item: 1011250



13

Glasses internal Ø of:
12,5 - 14,5 mm
Item: 1011300



13H

Glasses internal Ø of:
12,5 - 13,5 mm
Item: 1011307



13,5P

Glasses internal Ø of:
13,5 - 14,5 mm
Item: 1011350



14

Glasses internal Ø of:
13 - 14,5 mm
Item: 1011400



14P

Glasses internal Ø of:
12 - 14 mm
Item: 1011401



14d

Glasses internal Ø of:
11,5 - 13 mm
Item: 1011406



14LF

Glasses internal Ø of:
14 - 16 mm
Item: 1011409



14LD

Glasses internal Ø of:
12 - 14,5 mm
Item: 1011410



14,5

Glasses internal Ø of:
14 - 16 mm
Item: 1011450



15

Glasses internal Ø of:
13,5 - 15,5 mm
Item: 1011500



15P

Glasses internal Ø of:
14 - 16,5 mm
Item: 1011501



15PB

Glasses internal Ø of:
14,5 - 15,5 mm
Item: 1011513



15PL

Glasses internal Ø of:
14,7 - 15,5 mm
Item: 1011514



15D

Glasses internal Ø of:
13,5 - 16 mm
Item: 1011515



15E

Glasses internal Ø of:
15,5 - 17 mm
Item: 1011516



15DD

Glasses internal Ø of:
14 - 16,5 mm
Item: 1011517



16

Glasses internal Ø of:
16,5 - 18 mm
Item: 1011600



17

Glasses internal Ø of:
13 - 16 mm
Item: 1011700



18D

Glasses internal Ø of:
17,5 - 19,5 mm
Item: 1011806



18

Glasses internal Ø of:
17,5 - 18,5 mm
Item: 1011800



18P

Glasses internal Ø of:
17,5 - 19,5 mm
Item: 10118001



18l

Glasses internal Ø of:
17 - 19 mm
Item: 1011808



19

Glasses internal Ø of:
19 - 22 mm
Item: 1011900



20

Glasses internal Ø of:
20,5 - 22 mm
Item: 1012000



20M

Glasses internal Ø of:
18,5 - 19,5 mm
Item: 1012018



20P

Glasses internal Ø of:
19 - 22,5 mm
Item: 1012001



20A

Glasses internal Ø of:
20,5 - 22,5 mm
Item: 1012019



21,5

Glasses internal Ø of:
17,5 - 21,5 mm
Item: 1012150



22k

Glasses internal Ø of:
21,5 - 23 mm
Item: 1012205



22l

Glasses internal Ø of:
22 - 24 mm
Item: 1012208



23,5P

Glasses internal Ø of:
25 - 27 mm
Item: 1012350



26

Glasses internal Ø of:
26 - 27 mm
Item: 1012600



27

Glasses internal Ø of:
27 - 32,5 mm
Item: 1012700



29A

Glasses internal Ø of:
29 - 30 mm
Item: 1012919



29

Glasses internal Ø of:
29,5 - 31 mm
Item: 1012900



29k

Glasses internal Ø of:
26 - 27 mm
Item: 1012905



MA

Glasses internal Ø of:
26 - 30 mm
Item: 1012721



MA 2/3

Glasses internal Ø of:
25,5 - 29 mm
Item: 1012723



32

Glasses internal Ø of:
32,5 - 35 mm
Item: 1013200



32P

Glasses internal Ø of:
32 - 33 mm
Item: 1013201



32PD

Glasses internal Ø of:
30 - 32,5 mm
Item: 1013225



36

Glasses internal Ø of:
35,5 - 39,5 mm
Item: 1013600



34

Glasses internal Ø of:
33,5 - 36,5 mm
Item: 1013400



37

Glasses internal Ø of:
37,5 - 41,5 mm
Item: 1013700



38

Glasses internal Ø of:
40 - 43,5 mm
Item: 1013800



40P

Glasses internal Ø of:
42 - 46,5 mm
Item: 1014001



45P

Glasses internal Ø of:
47 - 48 mm
Item: 1014501



60P

Glasses internal Ø of:
57 - 60 mm
Item: 1016001

In order to fit for glasses with larger internal neck, diameter of Steristopper no. 60P can be extended by wrapping cotton or cellulose sheets around the lower part.

New Sizes



27k

Glasses internal Ø of:
26,5 mm
Item: 1012705

suitable for our
Drosophila Culture tube
(Item 1130718)



45PDL

Glasses internal Ø of:
47 - 48 mm
Item: 1014504



48

Glasses internal Ø of:
47 - 49 mm
Item: 1014800

New Sizes



50Z

Glasses internal Ø of:
47 - 49 mm
Item: 1015003



70k

Glasses internal Ø of:
69 - 71 mm
Item: 1017005

**In case you do not find the
exact fitting shape
or if you need
any other size,
we can develop within
shortest time new moulds
for your personal
Steristopper®.**

Specially designed Steristoppers®



Steristoppers® with fixed cellulose bud

This assembly, called CA 11, is used for gynaecological cancer determination for human as well as for veterinary inspection.

Advantages:

- no dust or fuzz on the microscopic slide
- solid cellulose head enables an excellent sample taking
- cellulose head absorbs only a little liquid / specimen
- anatomical fitting shape makes sample taking easy
- easy, convenient sample spreading on the microscopic slide

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