

## **Eyeglass wipers**

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The third section is the most important section of the report because it contains the findings of the searcher. It starts with the Table of Contents followed by the documents. Each document is displayed in a separate frame with several tabs. The front tab is called the **Custom tab** and it was customized by the editor of the report to display the most important content (text and figures) from the document. This is the only tab in which the content is not restricted to be faithful to the original document because it was edited by the report editor (one of our users).

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The whole document can be viewed and downloaded from the **PDF tab**.

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Let's get back to the example...

Description of the Invention (unreal, of course):

A wiping aid which fits any existing glasses. This aid will constantly wipe rain drops off the glass allowing for a clear view.

The device includes a wipe for each lens, a powering mechanism (preferably electrical), batteries, and clipping mechanism to grab any existing glasses.

Optionally the speed of wiping can be controlled (similar to the function in a motor vehicle).

### **Table of contents**

1. [US6640379\(B1\)](#) - **Attachable eyeglass wipers**
2. [GB1286783\(A\)](#) - **SPECTACLES, GOGGLES AND THE LIKE**
3. [Wiper Sunglasses](#)
4. [US4789233\(A\)](#) - **Eyeglass wipers**
5. [US6722766\(B1\)](#) - **Eyewear with attached wiping apparatus**
6. [GB2177290\(A\)](#) - **A pair of spectacles or goggles with wipers**

## **Publications**

### **1. [US6640379\(B1\)](#) - Attachable eyeglass wipers**

**Publication Date:** 04-Nov-2003

**Inventors:** SCRIBNER RALPH E [US]

**Applicants:** SCRIBNER RALPH E [US]

#### **Abstract:**

A clip-on wipers are provided that attach to eyeglasses to prevent the buildup of raindrops or snow on the lenses. It attaches via a clip-on clamp thus allowing it to be removed when not needed. A battery pack, envisioned consisting of AAA batteries supplies power to **a two-speed motor**, via a control switch. **The motor then drives a reciprocating mechanical linkage**, which moves two small wiper blades across the surface of the lenses. Such action keeps the lenses free from rain and snow buildup when the glasses are worn outdoors in **inclement weather**.

#### **From the description:**

It is therefore an object of the present invention to provide an improved clip-on, motorized wiper attachment for affixing to conventional eyewear.

It is a feature of the present invention to provide an improved clip-on, **motorized wiper attachment for affixing to conventional eyewear** that can be affixed to any conventional pair of eyewear.

<b>Category</b>	X	<b>Relevant to claim</b>	1-3
<b>Category</b>	Y	<b>Relevant to claim</b>	4
<b>Relevant Passages:</b>	Page 5 col. 1 lines 54-56		

## 2. GB1286783(A) - SPECTACLES, GOGGLES AND THE LIKE

**Publication Date:** 23-Aug-1972

**Applicants:** TAGADA S A [FR]

### Abstract:

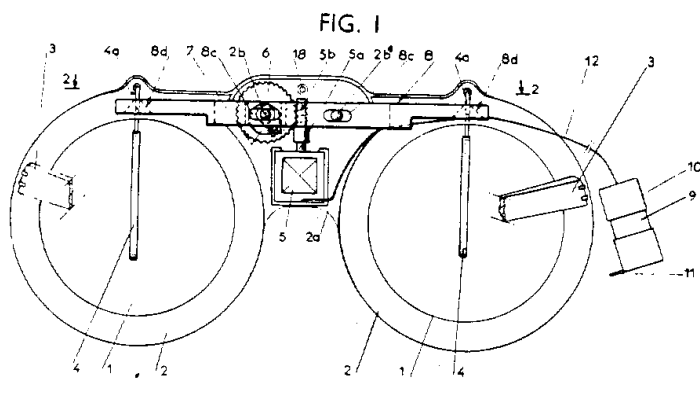
1286783 Cleaning goggles, &c TAGADA SA 19 April 71 [6 Feb 1970] 22797/71 Heading A4F [Also in Division A6] Goggles or spectacles have wipers 4 for cleaning the lenses driven by an electric motor 5 mounted in a housing in the bridge 2a of the frame 2. The motor 5 drives a worm 5b meshing with a gear-wheel 6 integral with a cam 7, which on rotation reciprocates a rod 8 to oscillate wiper elements 4. In other embodiments the worm gearing is replaced by crank mechanism. The goggles may be constructed as a toy and have mounted on the frame 2 a nozzle adapted to be connected to a squeeze bulb for the projection of liquid as a practical joke.

### From the description:

As shown diagrammatically in Fig. 3, the motor may drive a crank 13 which is mounted pivotably on a rod 14 each end of which is connected to a cranked end of a support rod of a wiper.

**External Links & Translations:** [Espacenet](#)

<b>Category</b>	X	<b>Relevant to claim</b>	1-3
<b>Relevant Passages:</b>	Fig. 3		



3. [Wiper Sunglasses](http://www.seihin-world.com/s/2004/12/21_0052.php) - [http://www.seihin-world.com/s/2004/12/21\\_0052.php](http://www.seihin-world.com/s/2004/12/21_0052.php)

**Publication Date:** 16-Jun-2012

**Content:**

Sunglasses equipped with lens wipers and a light.

<b>Category</b>	X	<b>Relevant to claim</b>	5
<b>Relevant Passages:</b>	whole document		

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4. [US4789233\(A\)](#) - Eyeglass wipers

**Publication Date:** 06-Dec-1988

**Inventors:** RSENAULT EDNA M [US], SPECTOR GEORGE [US]

**Applicants:** RSENAULT EDNA M [US], SPECTOR GEORGE [US]

Eyeglass wipers are provided for a pair of eyeglasses embodying a frame with a pair of lenses therein. Each of the eyeglass wipers consists of a wiper arm mounted at one end to a housing pivotly connected to one end and positioned forwardly of the frame. A mechanism is built into the housing for manually swinging the wiper arm across surface of the lenses and spraying lense cleaning fluid from the wiper arm onto the surface of the lense for maintaining the lense clean.

<b>Category</b>	A	<b>Relevant to claim</b>	1-5
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5. [US6722766\(B1\)](#) - Eyewear with attached wiping apparatus

**Publication Date:** 20-Apr-2004

**Inventors:** MYETTE MARY C [US]

**Applicants:** MYETTE MARY C [US]

The self-cleaning eyeglasses are an invention that provides an efficient and convenient means for cleaning the surface of lenses without removing the eyeglasses from the face of the wearer. In order to accomplish this the present invention includes a novel design for a housing shaped to seat a watch battery and formed within the frame of the eyeglasses. Also introduced by the present invention is a dual motor design wherein each motor is housed in the frames of the eyeglasses above the lenses of the eyeglasses. The motors rotate a shaft over a fixed acute angle. Attached to the shafts of the motors are wiper arms held flush to the surface of the lenses. Also housed within the frames is an On\Off switch. When the switch is activated the watch battery will supply current to the motors which will drive the shaft to sweep the wiper arms over the lenses.

<b>Category</b>	A	<b>Relevant to claim</b>	1-5
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**6. [GB2177290\(A\)](#) - A pair of spectacles or goggles with wipers**

**Publication Date:** 21-Jan-1987

**Inventors:** SHUI SHING

**Applicants:** GOLDEN AGE IND LIMITED

A pair of spectacles or goggles comprising a frame 1 with glass panels or lenses 4, side members 3, wipers 5 and a drive mechanism 6-11 for driving the wipers is characterised by a receptacle in at least one of the side members for a battery 13 for powering motor 6. Lamps 15 may be located above the lenses and may be lit by batteries 13.

<b>Category</b>	A	<b>Relevant to claim</b>	1-5
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