

DECLARATION OF John Andrews

I, John Andrews, pursuant to 28 U.S.C. § 1746, hereby declare as follows:

1. I am a Translator at TransPerfect, Inc.
2. I submit this declaration to certify the accuracy of the English translation of Japanese Unexamined Patent Application Publication No. JPS5681814A.
3. My statements are based on personal knowledge and my review of Japanese Unexamined Patent Application Publication No. JPS5681814A and its Japanese to English translation. If called as a witness about the facts contained in these statements, I could testify competently based on such personal knowledge and the investigation I have conducted.
4. Attached as Exhibit A is a true and accurate copy of Japanese Unexamined Patent Application Publication No. JPS5681814A.
5. Attached as Exhibit B is a true and accurate copy of an English translation of Japanese Unexamined Patent Application Publication No. JPS5681814A ("the Japanese Unexamined Patent Application Publication No. JPS5681814A Translation").
6. The Japanese Unexamined Patent Application Publication No. JPS5681814A Translation is a true and accurate translation of Japanese Unexamined Patent Application Publication No. JPS5681814A from Japanese to English.
7. All statements made herein of my own knowledge are true, and all statements made on information and belief are believed to be true. Further, I am aware that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001. I declare under penalty of perjury that the foregoing is true and correct.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct. Executed on March 20, 2026, at UK.



John Andrews

**Luxottica et al. v. Solos
IPR2026-00413
Petitioners' Ex. 1015**

EXHIBIT A

① 日本国特許庁 (JP)

① 特許出願公開

⑫ 公開特許公報 (A)

昭56—81814

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H 04 R 1/10
25/00

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7168—5D

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発明の数 1
審査請求 未請求

(全 2 頁)

⑭ 補聴器用補助具

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② 特 願 昭54—158531

⑦ 出 願 人 松下電器産業株式会社

② 出 願 昭54(1979)12月6日

門真市大字門真1006番地

② 発 明 者 樋口登

⑦ 代 理 人 弁理士 中尾敏男 外1名

明 細 書

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1、発明の名称

補聴器用補助具

2、特許請求の範囲

メガネフレームに耳を覆う円弧状の複数個のセグメントを回動自在に取付けてなる補聴器用補助具。

3、発明の詳細な説明

本発明は特に難聴者が補聴器、イヤホン等を使用する際に効果を発揮する補聴器用補助具に関するもので、補聴器、イヤホン等の使用時に外部雑音を遮断し、補聴器、イヤホン等からの音を聞き易くした補聴器用補助具を提供しようとするものである。

以下本発明の一実施例を添付図面を参照して説明する。図において、1はメガネフレーム、2はメガネフレーム1の耳掛け部近傍に設けた支点3、4を中心にして回動自在に装備した円弧状のセグメントで、被数個のセグメント2を組み合せて耳を覆うフード5を構成している。

以上の構成において補聴器、イヤホン等の非使用時は、第2図に示すようにセグメント2を折畳み、セグメント2が邪魔とならないようにすると共に、補聴器、イヤホン等の使用時は、第3図に示すようにセグメント2を開くことにより耳を覆い外部雑音を遮断する。

以上の説明から明らかなように本考案によれば、補聴器、イヤホン等の使用時は外部雑音を遮断して補聴器、イヤホン等の音を聞き易くすることができ、また不要なときは折畳むことができるため邪魔にならないなどすぐれた効果を奏する。

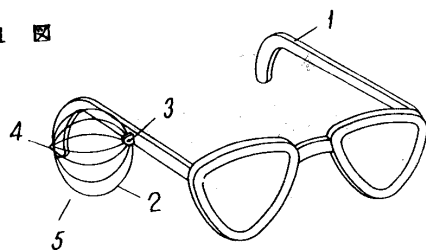
4、図面の簡単な説明

第1図は本発明の一実施例を示す斜視図、第2図は本発明の補聴器用補助具の非使用時の正面図、第3図は同使用時の断面図、第4図は同補聴器用補助具を構成するセグメントの斜視図である。

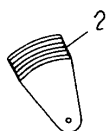
1 メガネフレーム、2 セグメント。

代理人の氏名 弁理士 中 尾 敏 男 ほか1名

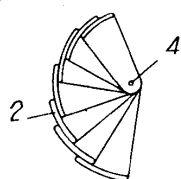
第 1 図



第 2 図



第 3 図



第 4 図



EXHIBIT B

⑤① Int. Cl. ³	Identification codes	JPO file numbers	④③ Published on July 4, 1981
G02C 11/06		7174-2H	
H04R 1/10	104	6507-5D	Number of inventions 1
25/00		7168-5D	Request for examination Not filed

(2 pages in total)

⑤④ Auxiliary device for hearing aids

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②① Japanese patent S54-158531 application

⑦① Applicant

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②② Application December 6, 1979

⑦② Inventor Noboru Higuchi

⑦④ Agent

Patent Attorney Toshio Nakao and 1 other

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Specification

1. Title of the invention

Auxiliary device for hearing aids

2. Scope of Claims

An auxiliary device for hearing aids comprising multiple arc-shaped segments that cover the ears, rotatably attached to an eyeglass frame.

3. Detailed description of invention

The present invention relates to an auxiliary device for hearing aids, particularly effective when hearing-impaired individuals use hearing aids, earphones, etc., and aims to provide an auxiliary device for hearing aids that blocks external noise when using hearing aids, earphones, etc., and makes it easier to hear sounds from the hearing aids, earphones, etc.

An embodiment of the present invention will be described below with reference to the accompanying drawings. In the figure, 1 is the eyeglass frame, and 2 is an arc-shaped segment that is rotatably mounted around pivot points 3 and 4 located near the earpieces of the eyeglass frame 1. Several segments 2 are combined to form a hood 5 that covers the ears.

In the above configuration, when hearing aids, earphones, etc. are not in use, segment 2 is folded as shown in FIG. 2 to prevent it from getting in the way. When hearing aids, earphones, etc. are in use, segment 2 is opened as shown in FIG. 3 to cover the ear and block out external noise.

As is clear from the above explanation, this invention offers excellent advantages, such as blocking out external noise when using hearing aids, earphones, etc., making it easier to hear the sound from the hearing aids, earphones, etc., and being able to be folded when not needed so as not to get in the way.

4. Brief description of drawings

FIG. 1 is a perspective view showing an embodiment of the present invention; FIG. 2 is a front view of the hearing aid auxiliary device of the present invention when not in use; FIG. 3 is a cross-sectional view of the same when in use; and FIG. 4 is a perspective view of the segments constituting the hearing aid auxiliary device.

1 Eyeglass frame, 2 Segment.

Name of agent: Patent attorney Toshio Nakao and 1 other

FIG. 1

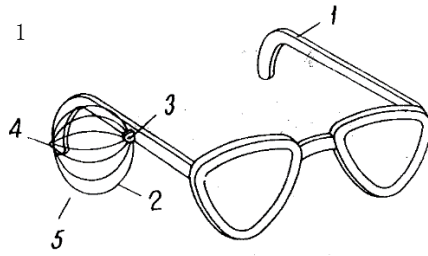


FIG. 2

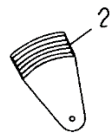


FIG. 3

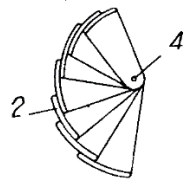


FIG. 4

