

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,814,265

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the *Inter Partes* Review of U.S. Patent No. 9,814,265

Trial No.: Not Yet Assigned

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Inventors: Arno Rinker and Philipp Litzenberger

Assignee: Philip Morris Products S.A.

Title: PERMEABLE ELECTRIC THERMAL RESISTOR FOIL FOR
VAPORIZING FLUIDS FROM SINGLE-USE MOUTHPIECES
WITH VAPORIZER MEMBRANES

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PETITION FOR *INTER PARTES* REVIEW

UNDER 37 C.F.R. § 42.100

On behalf of R.J. Reynolds Vapor Company (“RJR” or “Petitioner”) and in accordance with 35 U.S.C. § 311 and 37 C.F.R. § 42.100, *inter partes* review (“IPR”) is respectfully requested for claims 1, 3-5, 8, and 17 of U.S. Patent No. 9,814,265 (“265 patent”) (EX1001).

The undersigned representative of Petitioner authorizes the Office to charge the \$41,500 petition and post-institution fees, and any additional fees, to deposit account 503013, ref: 629000-850001.

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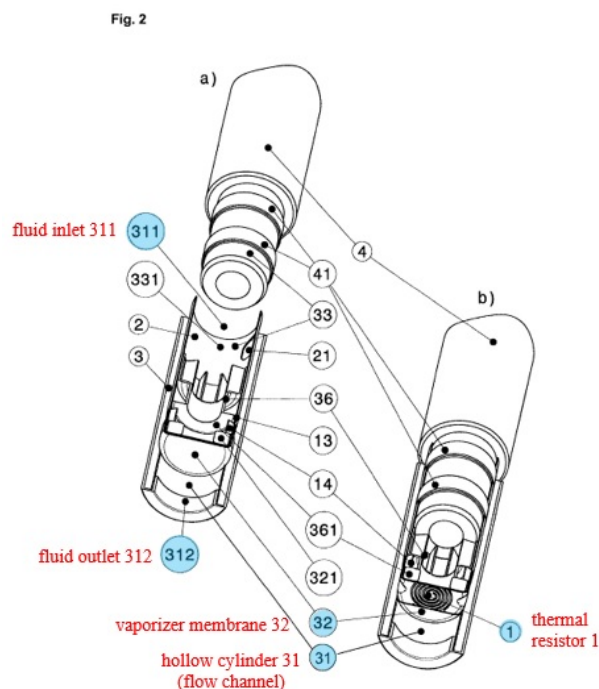
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PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 9,814,265

I. Introduction

Petitioner requests review and cancellation of claims 1, 3-5, 8, and 17 of U.S. Patent No. 9,814,265 (“’265 patent”). The ’265 patent relates to an electronic cigarette “vaporizer device.” Its broadest claims recite a “heating device” comprising “a thermal resistor” and “at least one vaporizer membrane disposed in contact with the thermal resistor.” Both are arranged “orthogonally or at an angle to a direction of the flow of fluid.” When activated, the “thermal resistor foil will heat and vaporize the fluid from the vaporizer membrane.” EX1001, 5:43-46.



Annotated Fig. 2 above highlights the location of the electronic cigarette’s “fluid inlet” (311), “hollow cylinder”/“flow channel” (31), “thermal resistor” (1), “vaporizer membrane” (32), and “fluid outlet” (312). *Id.*, Fig. 2, Table 1.

All of these features are disclosed by U.S. Patent No. 9,439,455 (“Alarcon”),

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