CLAIMS

1. An aerosol-generating article comprising:

an aerosol-forming substrate;

a combustible heat source;

at least one layer of ceramic paper circumscribing at least a portion of the length of the combustible heat source;

one or more airflow pathways along which air may be drawn through the aerosol-generating article for inhalation by a user, and

one or more non-combustible, substantially air impermeable barriers between the combustible heat source and the aerosol forming substrate.

2. An aerosol-generating article according to claim 1, wherein the at least one layer of ceramic paper is isolated from the one or more airflow pathways such that, in use, air drawn through the aerosol-generating article along the one or more airflow pathways does not directly contact the at least one layer of ceramic paper.

3. An aerosol-generating article according to any preceding claim, wherein the combustible heat source, the aerosol-forming substrate and the at least one layer of ceramic paper are arranged such that the temperature of the aerosol-forming substrate does not exceed 375°C during the combustion of the combustible heat source.

4. An aerosol-generating article according to any preceding claim, wherein the ceramic paper comprises between50 percent by weight ceramic material and 100 percent by weight ceramic material.

5. An aerosol-generating article according to any preceding claim, wherein the ceramic paper comprises silica fibres.

6. An aerosol-generating article according to any preceding claim, wherein the ceramic paper comprises biosoluble ceramic fibres.

7. An aerosol-generating article according to any preceding claim, wherein the at least one layer of ceramic paper has a thickness of between 0.5 millimetres and 5 millimetres.

8. An aerosol-generating article according to any preceding claim, wherein the non-combustible, substantially air impermeable barrier between the combustible heat source

and the aerosol-forming substrate comprises a first barrier that abuts one or both of a proximal end of the combustible heat source and a distal end of the aerosol-forming substrate.

9. An aerosol-generating article according any preceding claim, wherein the one or more airflow pathways comprise one or more air inlets arranged between a proximal end of the combustible heat source and a proximal end of the aerosol-generating article such that air may be drawn into the one or more airflow pathways of the aerosol-generating article though the one or more air inlets, without passing through the combustible heat source.

10. An aerosol-generating article according to any preceding claim, wherein the one or more airflow pathways comprise one or more airflow channels along the combustible heat source and the non-combustible, substantially air impermeable, barrier between the combustible heat source and the one or more airflow channels further comprises a second barrier between the combustible heat source and the one or more airflow channels of the combustible heat source.

11. An aerosol-generating article according to any preceding claim, wherein the aerosol-generating article further comprises one or more additional layers circumscribing at least a proximal portion of the combustible heat source and a distal portion of the aerosol-forming substrate, the one or more additional layers comprising at least one of:

a heat-conducting element to transfer heat from the combustible heat source to the aerosol-forming substrate, and

a layer of cigarette paper.

12. An aerosol-generating article according to claim 11, wherein the at least one layer of ceramic paper is a radially outer layer, overlying at least a portion of the one or more additional layers.

13. A method of forming an aerosol-generating article according to claims 1 to 12, the method comprising:

arranging a combustible heat source to heat an aerosol-forming substrate;

providing one or more airflow pathways along which air may be drawn through the aerosol-generating article for inhalation by a user, and

isolating the combustible heat source from the one or more airflow pathways such that, in use, air drawn through the aerosol-generating article along the one or more airflow pathways does not directly contact the combustible heat source; and

circumscribing at least a portion of the length of the combustible heat source with at least one layer of ceramic paper.

14. A method of forming an aerosol-generating article according to claim 13, wherein circumscribing at least a portion of the length of the combustible heat source with at least one layer of ceramic paper comprises:

providing a strip ceramic paper having opposing ends;

wrapping the strip around the combustible heat source such that the combustible heat source is circumscribed by at least one layer of ceramic paper;

overlapping the opposing ends of the strip; and

securing together the overlapping ends to secure the at least one layer of ceramic paper to the combustible heat source.

15. A method of forming an aerosol-generating article according to claim 13, wherein circumscribing at least a portion of the length of the combustible heat source with at least one layer of ceramic paper comprises:

providing a strip ceramic paper having opposing ends;

applying an layer of adhesive to one side of the strip at least at each of the opposing ends;

arranging the strip with the adhesive layer facing the combustible heat source;

wrapping the strip around the combustible heat source such that the combustible heat source is circumscribed by the at least one layer of ceramic paper;

abutting the opposing ends of the strip without overlapping the opposing ends; and

securing the strip to the combustible heat source with the adhesive layer.