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**Declaration under Rule 4.17:**

— of inventorship (Rule 4.17(iv)) for US only

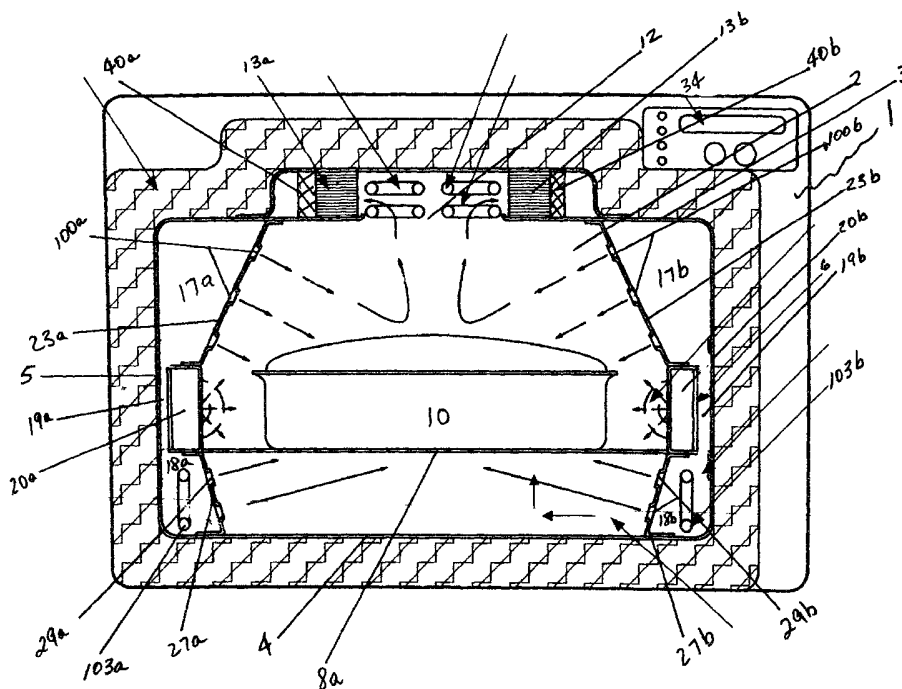
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(54) Title: SPEED COOKING OVEN



(57) Abstract: A speed cooking oven (1) has a cooking cavity (2), a controller (34), a heating source (14a), blower assembly, air directing means, and a vent assembly, which generate air flows that collide at the food product (10) surface.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21225

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F24C 15/32; A21B 1/26

US CL : 219/400, 681; 126/21A

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 219/400, 391, 398, 681, 683, 684; 126/21A

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Derwent, JPO

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                              | Relevant to claim No.    |
|------------|-----------------------------------------------------------------------------------------------------------------|--------------------------|
| Y          | US 3,828,760 A (FARBER et al) 13 August 1974 (13.08.1974), See figs. 2-6.                                       | 1-21                     |
| Y          | US 4,752,268 A (KATAOKA et al) 21 June 1988 (21.06.1988), See figs. 3-4, col. 3, lines 26-60.                   | 1-21                     |
| Y          | US 6,403,937 B1 (DAY et al) 11 June 2002, (11.06.2002), See col. 1, line 66, though col. 2, line 26; Figs. 1-2. | 1, 4, 14, 17, and 19-21. |
| A          | US 5,401,940 A (SMITH et al) 28 March 1995 (28.03.1995), See entire document.                                   | 1-94                     |
| A          | US 5,717,192 A (DOBIE et al) 10 February 1998 (10.02.1998), See entire document.                                | 1-94                     |
| A          | US 4,154,861 A (SMITH) 15 May 1979 (15.05.1979), See entire document.                                           | 1-94                     |
| A          | US 5,676,870 A (WASSMAN et al) 14 October 1997 (14.10.1997), See entire document.                               | 1-94                     |
| A          | US 6,369,360 B1 (COOK) 09 April 2002 (09.04.2002), See entire document.                                         | 1-94                     |
| A          | US 4,327,279 A (GUIBERT) 27 April 1982 (27.04.1982), See entire document.                                       | 1-94                     |



Further documents are listed in the continuation of Box C.



See patent family annex.

|                                                                                                                                                                         |                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| * Special categories of cited documents:                                                                                                                                |                                                                                                                                                                                                                                                  |
| "A" document defining the general state of the art which is not considered to be of particular relevance                                                                | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention                                              |
| "E" earlier application or patent published on or after the international filing date                                                                                   | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone                                                                     |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means                                                                                            | "&" document member of the same patent family                                                                                                                                                                                                    |
| "P" document published prior to the international filing date but later than the priority date claimed                                                                  |                                                                                                                                                                                                                                                  |

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| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn: ISA/US<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450<br>Facsimile No. (703)305-3230 | Authorized officer<br><i>Sharon H. Greene for</i><br>Joseph M Pekham<br>Telephone No. 703-308-0861 |

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21225

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claim Nos.: 23-39,41-63,65-81 and 83-94  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
The claim dependency is evidently incorrect for all of the listed claims
3. ☐ Claim Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

☐  
☐

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.