

FORM 2

**THE PATENTS ACT, 1970
(39 of 1970)
AND
THE PATENTS RULES, 2003**

**COMPLETE
SPECIFICATION**

(See Section 10; rule 13)

TITLE OF THE INVENTION

“PRODUCTION OF WHOLE GRAIN RICE SHREDDED PRODUCT”

APPLICANT

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The following specification particularly describes
the invention and the manner in which
it is to be performed

CLAIMS

What is claimed is:

1. A method for preparing a whole grain rice shredded product comprising:
combining water and a whole grain rice component, the whole grain rice component comprising at least about 75% by weight rice in the form of raw, whole kernel rice;
cooking the whole grain rice component and water to form a cooked whole grain rice material;
cooling the cooked whole grain rice material;
tempering the cooked whole grain rice material for about 0 to about 90 minutes to form a tempered whole grain rice material; and
shredding the tempered whole grain rice material to form continuous net-like sheets of the whole grain rice shredded product.
2. The method of claim 1 wherein the cooking step is performed in a pressure cooker at a pressure of about 8 to about 22 psig.
3. The method of claim 2 wherein the cooking step is performed at a pressure of about 8 to about 12 psig.
4. The method of claim 1 wherein the whole grain rice component comprises at least about 95% by weight rice.
5. The method of claim 1 wherein the whole grain rice component comprises less than 25% by weight whole grains other than rice.
6. The method of claim 1 wherein the cooking step causes the cooked whole grain rice material to have a degree of gelatinization of at least about 90%.

7. The method of claim 1 wherein the cooked whole grain rice material is cooled to a temperature between about 70°F to about 100°F.

8. A method for preparing a whole grain rice shredded product comprising:
combining water and a whole grain rice component, the whole grain rice component comprising at least about 75% by weight rice in the form of raw, long grain rice;
cooking the whole grain rice component and water to form a cooked whole grain rice material;
cooling the cooked whole grain rice material;
tempering the cooked whole grain rice material for less than about 240 minutes to form a tempered whole grain rice material;
shearing the tempered whole grain rice material to form sheared whole grain rice material; and
shredding the sheared whole grain rice material to form the whole grain rice shredded product.

9. The method of claim 8 wherein the cooking step is performed in a pressure cooker at a pressure of about 8 to about 22 psig.

10. The method of claim 8 wherein the cooking step is performed at a pressure of about 8 to about 12 psig.

11. The method of claim 8 wherein the whole grain rice component comprises at least about 95% by weight rice.

12. The method of claim 8 wherein the whole grain rice component comprises less than 25% by weight whole grains other than rice.

13. The method of claim 8 wherein the cooking step causes the cooked whole grain rice material to have a degree of gelatinization of at least about 90%.

14. The method of claim 8 wherein the cooked whole grain rice material is cooled to a temperature between about 70°F and 120°F.

15. The method of claim 8 wherein the pelletizing step is performed at a pressure between about 200 to about 600 psig.

16. The method of claim 15 wherein the pelletizing step is performed at a pressure between about 400 to about 500 psig.

17. A whole grain rice shredded product prepared by a process comprising:
combining water and a whole grain rice component, the whole grain rice component comprising at least about 75% by weight rice in the form of raw, long grain rice;
cooking the whole grain rice component and water to form a cooked whole grain rice material;
cooling the cooked whole grain rice material;
tempering the cooked whole grain rice material for less than 240 minutes to form a tempered whole grain rice material; and
shredding the tempered whole grain rice material to form the whole grain rice shredded product.

Dated this 08 day of April 2014

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