The invention discloses a Ganoderma Lucidum coffee comprising: 15-20 weight portions of a Ganoderma Lucidum substance made from Ganoderma Lucidum and Chinese medicines; 8-10 weight portions of coffee. The Ganoderma Lucidum substance comprises Cortex Eucommiae, Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae. The invention provides a Ganoderma Lucidum coffee which is made by special preparation process using the materials including Ganoderma Lucidum and other Chinese medicines. The above mixtures will then be cooked with coffee. Such Ganoderma Lucidum coffee has a rich aroma of coffee and a positive health effect on our body sourced from Ganoderma Lucidum and the above Chinese medicines. The Chinese medicines such as Cortex Eucommiae, Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae will dilute the bitter taste of Ganoderma Lucidum and coffee. As such, people enjoy drinking the Ganoderma Lucidum coffee regardless the bitter taste of Ganoderma Lucidum and coffee themselves and will tend to accept for becoming their daily drinking habit. On the other hand, the above Chinese medicines together with Ganoderma Lucidum contain rich plant polysaccharides and they can upgrade the nutrient contents of the Ganoderma Lucidum coffee. If it is for long term use, it will strengthen the health of user and increase the energy level.
DESCRIPTION

Field of invention

The invention relates to the field of food and beverages, in particular, relates to a Ganoderma Lucidum coffee and its manufacturing process.

Background of invention

Typically, coffee can be made through the treatment of roasting, grinding, filtration or extraction, drying of natural coffee bean. Coffee has its main ingredients including caffeine, tannin, fat, protein, sugar, minerals... etc. Coffee provides a sense of refreshing and improves the sensitivity of thinking. It also support the curing of diseases. The caffeine can improve smooth blood circulation and ruining. It also cure respiratory problem and migraine. Besides, the caffeine can promote the functionality of stomach and prevent senile dementia.

Ganoderma Lucidum is one of the Chinese medicines used along with both daily food and functional health food. It is reputed as "immortality" and "Zhi Rong". In the "Shen Nong's Herbal Classic", it was listed as "the drug with high quality and provides good health, non-toxic, no side effects if it is taken a long time, it can make the body light, anti-aging, benefits vitality, longevity." Polysaccharides and polysaccharide polymer (glucose, polysaccharide peptide and over one hundred kinds of complex polysaccharides) in Ganoderma Lucidum can induce the body to produce interferon, start their own immune surveillance system, increase in tumors of cancer patients the number of natural killer cytoplasmic, enhance the phagocytosis of macrophages. Meanwhile, certain trace elements of minerals in the Ganoderma Lucidum can stimulate the body to produce endorphins which has a strong analgesic effect. Ganoderma Lucidum benefits the health of bone marrow, increasing platelets, white blood cell count, anti-anemia, reducing the tumor surgery, radiotherapy, chemotherapy toxicity, improving the rate of healing and remission, the quality of life...
and to prolong life.

Both Ganoderma Lucidum and coffee can give a sense of refreshing. In fact, the natural taste of the coffee is bitter but such taste will become a distinctive pleasant taste through the treatment of roasting and supplemented by additives (milk, sugar, etc.). As such, people like to drink coffee due to the strong taste and drinking coffee becomes one of everyday life in the world.

However, coffee would produce a temporary brain nerve stimulation only and it is not persistent. After a short excitement by taking coffee, the user may feel much more tired than before and they will to continue to take more coffee or do another act to stimulate such a continuous excitement.

Ganoderma Lucidum (Ganoderma Lucidum means an extract of Ganoderma Lucidum plants after treatment) would cause nerve excitement and such stimulation is persistent and does not have any side effect. However, Ganoderma Lucidum including its extract or finished product is tasted bitter when taking. The bitter taste with combination of smell bad cause the user does not want to take it daily. And therefore Ganoderma Lucidum cannot become a daily consuming health product in real life.

In addition, if the user does not take Ganoderma Lucidum regularly, it would not possible for him to obtain the maximum benefits from the positive effects of Ganoderma Lucidum.

**Summary of the invention**

The invention provides a Ganoderma Lucidum coffee comprising the weight proportion of:

- 15-20 weight portions of a Ganoderma Lucidum substance made from Ganoderma Lucidum and Chinese medicine;
- 8-10 weight portions of coffee;
- the Ganoderma Lucidum substance comprising Cortex Eucommiae, Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance comprises:

- 5-20 weight portions of the Ganoderma Lucidum;
- 4-12 weight portions of the Cortex Eucommiae;
- 1-4 weight portions of the Rhizoma Polygonati;
4-12 weight portions of the Radix Codonopsis;

3-9 weight portions of the Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance comprises 1-4 weight portions of Radix Astragali.

Typically, a method of manufacturing the Ganoderma Lucidum coffee comprises the steps of:

determining the weights of materials for making the Ganoderma Lucidum coffee;

weighing the materials;

grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;

putting the materials into a reactor adapted for producing a reaction between the materials;

adding water into the reactor, heating up the reactor, boiling the reactor for the period between 0.5 hour to 2 hours;

dehydrating the materials in the reactor after completion of the reaction;

forming the Ganoderma Lucidum substance;

mixing the Ganoderma Lucidum substance with the coffee following predetermined weight portions;

packaging;

forming the Ganoderma Lucidum coffee.

Typically, an instant Ganoderma Lucidum coffee comprises:

15-20 weight portions of a Ganoderma Lucidum substance made from Ganoderma Lucidum and Chinese medicine;

8-10 weight portions of coffee;
2-10 weight portions of sugar;
15-30 weight portions of milk powder;
the Ganoderma Lucidum substance comprising Cortex Eucommiae,
Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance of the instant Ganoderma Lucidum coffee comprises:

5-20 weight portions of the Ganoderma Lucidum;
4-12 weight portions of the Cortex Eucommiae;
1-4 weight portions of the Rhizoma Polygonati;
4-12 weight portions of the Radix Codonopsis;
3-9 weight portions of the Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance of the instant Ganoderma Lucidum coffee comprises 1-4 weight portions of Radix Astragali.

Typically, a method of manufacturing the instant Ganoderma Lucidum coffee comprises the steps of:

determining the weights of materials for making the Ganoderma Lucidum coffee;
weighing the materials;
grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;
putting the materials into a reactor adapted for producing a reaction between the materials;
adding water into the reactor, heating up the reactor, boiling the reactor for the period between 0.5 hour to 2 hours;
dehydrating the materials in the reactor after completion of the reaction;
forming the Ganoderma Lucidum substance;
mixing the Ganoderma Lucidum substance with the coffee, sugar and milk powder following predetermined weight portions;
packaging;
forming the instant Ganoderma Lucidum coffee.

Typically, a Ganoderma Lucidum coffee beverage comprises:

- 20-30 weight portions of the Ganoderma Lucidum substance;
- 8-10 weight portions of coffee;
- 2-10 weight portions of sugar;
- 15-30 weight portions of milk;
- remaining weight portions of water;

- the Ganoderma Lucidum substance comprising Cortex Eucommiae, Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance of the Ganoderma Lucidum coffee beverage comprises:

- 5-20 weight portions of the Ganoderma Lucidum;
- 4-12 weight portions of the Cortex Eucommiae;
- 1-4 weight portions of the Rhizoma Polygonati;
- 4-12 weight portions of the Radix Codonopsis;
- 3-9 weight portions of the Radix Achyranthis Bidentatae.

Typically, the Ganoderma Lucidum substance of the Ganoderma Lucidum coffee beverage comprises 1-4 weight portions of Radix Astragali.

Typically, a method of manufacturing the Ganoderma Lucidum coffee beverage comprises the steps of:

determining the weights of materials for making the Ganoderma Lucidum coffee;
weighing the materials;
grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;
putting the materials into an enclosed reactor adapted for providing conditions of a pressure between 0.95 MPa and 1.5 MPa and a temperature between 95°C and 130°C and producing a reaction between the materials;
adding water into the enclosed reactor, heating up the reactor, boiling the reactor for the period between 0.5 hour to 2 hours;
filtrating the materials in the reactor after completion of the reaction and collecting filtrates;
mixing and stirring the filtrates with the coffee, sugar and milk following predetermined weight portions;
dissolving the mixtures;
packaging;
forming the Ganoderma Lucidum coffee beverage.

Summary of the drawings

This and other objects, features and advantages of the present invention will become apparent upon reading of the following detailed descriptions and drawings, in which:

Fig. 1 shows a manufacturing process of the Ganoderma Lucidum coffee of a first embodiment;
Fig. 2 shows a manufacturing process of the instant Ganoderma Lucidum coffee of a second embodiment;
Fig. 3 shows a manufacturing process of the Ganoderma Lucidum coffee beverage of a third embodiment.
Detailed description of embodiments of the invention

A. A first embodiment

Preparation of a powder of an extract of Ganoderma Lucidum and Chinese medicine:
Firstly, the user is required to measure the ingredients in terms of weight portions in a
proportional basis, it is to weigh 5-20 weight portions of Ganoderma Lucidum, 4-12
weight portions of Cortex Eucommiae, 1-4 weight portions of Rhizoma Polygonati,
4-12 weight portions of Codonopsis and 3-9 weight portions of Achyranthes Root.
Secondly, they are required to ground into powder and then placed in a reactor. While
the reactor is heating, the user is required to add water into it. When the heating
continues until boiling, the reaction will be continued to 0.5-2 hours. Afterwards, the
materials inside the reactor will be moved to a vacuum dryer and after dehydration, the
power of Ganoderma Lucidum and Chinese medicine is therefore formed.

Preparation of Ganoderma Lucidum coffee:

Firstly, it is to mix the powder of Ganoderma Lucidum and Chinese medicine and
the coffee powder together. Based on the weight proportion of the powder of
Ganoderma Lucidum to the coffee or ground coffee, that is to mix the powers in terms
of weight portions in a proportional basis. The weight proportion is ranging from (5 to
2) to (3 to 2). From the above combination, the user can cook the coffee with different
tastes to satisfy the needs of different people. After mixing the powders up, the user
can divide the mixtures into certain quantities and then pack them into individual
containers. The Ganoderma Lucidum coffee is finally formed.

B. A second embodiment

Firstly, the user uses the steps mentioned in the first embodiment to make the
powder of Ganoderma Lucidum and Chinese medicine. Next, the user mixes the
powder of Ganoderma Lucidum and Chinese medicine, the coffee powder, sugar, milk
powder up. Based on the weight proportion of the power of Ganoderma Lucidum to
the coffee powder to the sugar to the milk powder, that is to mix the above ingredients
in terms of weight portions proportionally. The weight proportion is read as 15-20
weight portions of the powder of an extract of Ganoderma Lucidum and Chinese
medicine to 8-10 weight portions of the coffee powder to 2-10 weight portions of the
sugar to 15-30 weight portions of the milk powder. From the above composition, the
user can cook the instant coffee with different tastes to satisfy the needs of different people. After mixing the powders up, the user can divide the mixtures into certain quantities and then pack them into individual containers. The instant Ganoderma Lucidum coffee is finally formed.

It is convenient that the user is only required to add water into the powder of the instant Ganoderma Lucidum coffee conveniently in order to enjoy the coffee.

C. A third embodiment

Preparation of a liquid Ganoderma Lucidum and Chinese medicine:

Firstly, the user is required to measure the ingredients in terms of weight portions in a proportional basis, it is to weigh 5-20 weight portions of Ganoderma Lucidum, 4-12 weight portions of Cortex Eucommiae, 1-4 weight portions of Rhizoma Polygonati, 4-12 weight portions of Codonopsis and 3-9 weight portions of Achyranthes Root. Secondly, they are required to put into an enclosed reactor. The user is required to heat the reactor and add water into it. The reaction will be under the conditions by applying the pressure of 0.95-1.5 Mpa and the temperature of 95-130 °C for 0.5 to 2 hours. Afterwards, the materials inside the reactor will be filtrated. The filtration forms the liquid Ganoderma Lucidum and Chinese medicine.

Preparation of the Ganoderma Lucidum coffee beverage:

The user mixes the liquid Ganoderma Lucidum and Chinese medicine, the coffee powder, sugar, milk (liquid milk, milk powder or creamer) up. Based on the weight proportion of the liquid Ganoderma Lucidum and Chinese medicine to the coffee powder to the sugar to the milk, that is to mix the above ingredients in terms of weight portions proportionally. The weight proportion is read as 20-30 weight portions of the liquid Ganoderma Lucidum and Chinese medicine to 8-10 weight portions of the coffee powder to 2-10 weight portions of the sugar to 15-30 weight portions of the milk. From the above combination, the user can make the coffee with different tastes to satisfy the needs of different people and it is possible to drink the Ganoderma Lucidum coffee beverage conveniently.

In another embodiment, by making the powder or liquid Ganoderma Lucidum and Chinese medicine, 1-4 weight portions of Radix Astragali will be added into the composition of 5-20 weight portions of the Ganoderma Lucidum, 4-12 weight
portions of the Cortex Eucommiae, 1-4 weight portions of the Rhizoma Polygonati, 4-12 weight portions of the Radix Codonopsis, 3-9 weight portions of the Radix Achyranthis Bidentatae.

The main composition of the Ganoderma Lucidum coffee of the first embodiment is stated in the following table.

<table>
<thead>
<tr>
<th>Item</th>
<th>Content (per 100ml)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Calories</td>
<td>77.4Kcal/100g</td>
</tr>
<tr>
<td>2. Fat content</td>
<td>2.6% w/w</td>
</tr>
<tr>
<td>3. Protein content</td>
<td>2.4% w/w</td>
</tr>
<tr>
<td>4. Carbohydrates</td>
<td></td>
</tr>
<tr>
<td>--Total</td>
<td>11.6% w/w</td>
</tr>
<tr>
<td>--Available</td>
<td>11.1% w/w</td>
</tr>
<tr>
<td>a. Ash content</td>
<td>0.7% w/w</td>
</tr>
<tr>
<td>b. Moisture content</td>
<td>82.7% w/w</td>
</tr>
<tr>
<td>5. Sugars</td>
<td>9.0% w/w</td>
</tr>
<tr>
<td>6. Saturated fat</td>
<td>1.60% w/w</td>
</tr>
<tr>
<td>7. Trans fat</td>
<td>&lt;0.08% w/w</td>
</tr>
<tr>
<td>8. Dietary Fibre</td>
<td>0.5% w/w</td>
</tr>
<tr>
<td>9. Sodium content</td>
<td>31 mg/100g</td>
</tr>
</tbody>
</table>

The main nutrient contents of the Ganoderma Lucidum coffee of the first embodiment is stated in the following table.

<table>
<thead>
<tr>
<th>The nutrient contents in 100ml of the Ganoderma Lucidum coffee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
</tr>
<tr>
<td>Protein</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
</tr>
<tr>
<td><strong>Total fat</strong></td>
</tr>
<tr>
<td>— Saturated fat</td>
</tr>
<tr>
<td>— Trans fat</td>
</tr>
<tr>
<td><strong>Total Carbohydrates</strong></td>
</tr>
<tr>
<td>— Dietary Fibre</td>
</tr>
<tr>
<td>— Sugars</td>
</tr>
<tr>
<td><strong>Sodium</strong></td>
</tr>
</tbody>
</table>

While specific embodiments of the invention has been shown and described in detail to illustrate the inventive purposes, it will be understood that the invention may be embodied otherwise without departing from said principles.
CLAIMS

I claim:

1. A Ganoderma Lucidum coffee comprising the weight proportion of:
   15-20 weight portions of a Ganoderma Lucidum substance made from Ganoderma Lucidum and Chinese medicine;
   8-10 weight portions of coffee;
   the Ganoderma Lucidum substance comprising Cortex Eucommiae, Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae.

2. The Ganoderma Lucidum coffee according to claim 1, wherein the Ganoderma Lucidum substance comprising:
   5-20 weight portions of the Ganoderma Lucidum;
   4-12 weight portions of the Cortex Eucommiae;
   1-4 weight portions of the Rhizoma Polygonati;
   4-12 weight portions of the Radix Codonopsis;
   3-9 weight portions of the Radix Achyranthis Bidentatae.

3. The Ganoderma Lucidum coffee according to claim 2, wherein the Ganoderma Lucidum substance comprises 1-4 weight portions of Radix Astragali.

4. A method of manufacturing the Ganoderma Lucidum coffee according to claim 1, comprising the steps of:
   determining the weights of materials for making the Ganoderma Lucidum coffee;
   weighing the materials;
   grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;
putting the materials into a reactor adapted for producing a reaction
between the materials;
adding water into the reactor, heating up the reactor, boiling the reactor for
the period between 0.5 hour to 2 hours;
dehydrating the materials in the reactor after completion of the reaction;
forming the Ganoderma Lucidum substance;
mixing the Ganoderma Lucidum substance with the coffee following
predetermined weight portions;
packaging;
forming the Ganoderma Lucidum coffee.

5. An instant Ganoderma Lucidum coffee comprising:

15-20 weight portions of a Ganoderma Lucidum substance made from
Ganoderma Lucidum and Chinese medicine;
8-10 weight portions of coffee;
2-10 weight portions of sugar;
15-30 weight portions of milk powder;
the Ganoderma Lucidum substance comprising Cortex Eucommiae,
Rhizoma Polygonati, Radix Codonopsis and Radix Achyranthis Bidentatae.

6. The instant Ganoderma Lucidum coffee according to claim 5, wherein the
Ganoderma Lucidum substance comprising:

5-20 weight portions of the Ganoderma Lucidum;
4-12 weight portions of the Cortex Eucommiae;
1-4 weight portions of the Rhizoma Polygonati;
4-12 weight portions of the Radix Codonopsis;
3-9 weight portions of the Radix Achyranthis Bidentatae.

7. The instant Ganoderma Lucidum coffee according to claim 6, wherein the
Ganoderma Lucidum substance comprises 1-4 weight portions of Radix Astragali.

8. A method of manufacturing the instant Ganoderma Lucidum coffee according to claim 5, comprising the steps of:

- determining the weights of materials for making the Ganoderma Lucidum coffee;
- weighing the materials;
- grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;
- putting the materials into a reactor adapted for producing a reaction between the materials;
- adding water into the reactor, heating up the reactor, boiling the reactor for the period between 0.5 hour to 2 hours;
- dehydrating the materials in the reactor after completion of the reaction;
- forming the Ganoderma Lucidum substance;
- mixing the Ganoderma Lucidum substance with the coffee, sugar and milk powder following predetermined weight portions;
- packaging;
- forming the instant Ganoderma Lucidum coffee.

9. A Ganoderma Lucidum coffee beverage comprising:

- 20-30 weight portions of the Ganoderma Lucidum substance;
- 8-10 weight portions of coffee;
- 2-10 weight portions of sugar;
- 15-30 weight portions of milk;
- remaining weight portions of water;

the Ganoderma Lucidum substance comprising Cortex Eucommiae, Rhizoma
10. The Ganoderma Lucidum coffee beverage according to claim 9, wherein the Ganoderma Lucidum substance comprising:

- 5-20 weight portions of the Ganoderma Lucidum;
- 4-12 weight portions of the Cortex Eucommiae;
- 1-4 weight portions of the Rhizoma Polygonati;
- 4-12 weight portions of the Radix Codonopsis;
- 3-9 weight portions of the Radix Achyranthis Bidentatae.

11. The Ganoderma Lucidum coffee beverage according to claim 10, wherein the Ganoderma Lucidum substance comprises 1-4 weight portions of Radix Astragali.

12. A method of manufacturing the Ganoderma Lucidum coffee beverage according to claim 9, comprising the steps of:

- determining the weights of materials for making the Ganoderma Lucidum coffee;
- weighing the materials;
- grinding the materials comprising Ganoderma Lucidum, the Cortex Eucommiae, the Rhizoma Polygonati, the Radix Codonopsis and the Radix Achyranthis Bidentatae into powders;
- putting the materials into an enclosed reactor adapted for providing conditions of a pressure between 0.95 MPa and 1.5 MPa and a temperature between 95°C and 130°C and producing a reaction between the materials;
- adding water into the enclosed reactor, heating up the reactor, boiling the reactor for the period between 0.5 hour to 2 hours;
- filtrating the materials in the reactor after completion of the reaction and collecting filtrates;
- mixing and stirring the filtrates with the coffee, sugar and milk following
predetermined weight portions;
dissolving the mixtures;
packaging;
forming the Ganoderma Lucidum coffee beverage.
Materials preparation

Grounding Ganoderma lucidum and Chinese medicine

Boiling

Dehydration

Add coffee, packaging

Materials preparation

Grounding Ganoderma lucidum and Chinese medicine

Boiling

Dehydration

Add coffee, sugar, milk powder, packaging

Materials preparation

Pressurizing, boiling and reacting

Filtrating

Add coffee, sugar, milk powder into filtrate

Fig. 1

Fig. 2

Fig. 3
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

See extra sheet

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)

IPC: A23F 5/3; A61K 36/-

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)

WP;EPODOC;CNPAT;CNKI;ISI web of Knowledge; CA; coffee; Ganoderma Lucidum

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
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<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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<td>CN1907070A (DONGGUAN YTINGZHITANG BIOTECH. CO.) 07 Feb.2007 (07.02.2007)</td>
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Note: Special categories of cited documents:

- **A** document defining the general state of the art which is not considered to be of particular relevance
- **E** earlier application or patent but published on or after the international filing date
- **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)
- **O** document referring to an oral disclosure, use, exhibition or other means
- **P** document published prior to the international filing date but later than the priority date claimed

"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

"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

"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

"&" document member of the same patent family

Further documents are listed in the continuation of Box C.

See patent family annex.

Date of the actual completion of the international search

27 Feb.2011 (27.02.2011)

Date of mailing of the international search report

31 Mar. 2011 (31.03.2011)

Name and mailing address of the ISA/CN

The State Intellectual Property Office, the P.R.China

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Facsimile No. 86-10-62019451

Authorized officer

YIN, Li

Telephone No. (86-10)82245671

Form PCT/ISA/210 (second sheet) (July 2009)
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER:

A23F 5/40 (2006.01)i
A61K 36/074 (2006.01)i
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Form PCT/ISA /210 (patent family annex) (July 2009)