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## Statement

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**CERTIFICATE OF RIGHT TO APPLY FOR A PATENT**

The inventor (creator) hereby certifies that: the patent application for “**DOUBLE-SIDED ADHESIVE AND METHOD FOR MANUFACTURING THE SAME**” is an invention (creation) completed by the inventor (creator) on duty or business. The inventor (creator) hereby agrees that the right to apply for the patent belongs to **Hon Hai Precision Industry Co., Ltd.**, and the inventor (creator) hereby assigns it in accordance with law or agreement.

Certified by

Inventor (creator): (1 inventor in total)

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Signature

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November 23, 2012

# Specification of Patent Invention

(Please do not modify the format, order and bold characters of this specification. Please leave ※ parts blank)

※ Application number:

※ Application date:

※ IPC classification:

## **I. Invention title: (Chinese/ English)**

**(Chinese) DOUBLE-SIDED ADHESIVE AND METHOD FOR  
MANUFACTURING THE SAME**

**(English) DOUBLE-SIDED ADHESIVE AND METHOD FOR  
MANUFACTURING THE SAME**

## **II. Abstract in Chinese:**

A double-sided adhesive, comprising a base board, a first adhesive layer formed on a surface of the base board, and a second adhesive layer formed on another surface of the base board. The base board comprises a plurality of through holes, and at least one of the first adhesive layer and the second adhesive layer is filled in the plurality of through holes to combine the first adhesive layer and the second adhesive layer together. The present invention further provides a method for manufacturing the double-sided adhesive.

## **III. Abstract in English:**

A double-sided adhesive, comprising a base board, a first adhesive layer formed on a surface of the base board, and a second adhesive layer formed on another

surface of the base board. The base board comprises a plurality of through holes, and at least one of the first adhesive layer and the second adhesive layer is filled in the plurality of through holes to combine the first adhesive layer and the second adhesive layer together. The present invention further provides a method for manufacturing the double-sided adhesive.

**IV. Designated representative figure:**

- (i) The designated representative figure for this application is: FIG. 1
- (ii) Reference numerals of the components in the representative figure :

Double-sided adhesive	100
Base board	10
Through holes	12
First adhesive layer	30
Second adhesive layer	50

**V. If there are chemical formulas involved in this application, please disclose the formula that best exemplifies the invention characteristics:**

None

## **VI. Description of the Invention:**

### **【Technical field of the invention】**

The present invention refers to a double-sided adhesive, in particular to a double-sided adhesive and a manufacturing method thereof.

### **【Background Art】**

Double-sided adhesives in the prior art usually include a base board and two adhesive layers formed on two side surfaces of the base board. When in use, a double-sided adhesive is sandwiched between two to-be-attached objects to adhere the two objects together. However, the base board is usually made of PET material having a high strength, the adhesive layers cannot penetrate into the base board. When a greater pull force is applied, the adhesive layers are easily detached from the base board. The bonding strength of the double-sided adhesive is thus decreased, which in turn affects the bonding quality.

### **【Summary】**

In view of the above, it is desired to provide a double-sided adhesive with greater bonding strength and a manufacturing method thereof.

A double-sided adhesive, comprising a base board, a first adhesive layer formed on a surface of the base board, and a second adhesive layer formed on another surface of the base board. The base board comprises a plurality of through holes, and at least one of the first adhesive layer and the second adhesive layer is filled in the plurality of through holes to combine the first adhesive layer and the second adhesive layer.

A manufacturing method for a double-sided adhesive, comprising the following steps:

providing a base board;

providing a roller, a plurality of through holes are formed on the base board by rolling the roller thereon;

forming a first adhesive layer on one side surface of the base board via transfer printing; and

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