



FEDERAL REPUBLIC OF NIGERIA

FEDERAL MINISTRY OF INDUSTRY, TRADE AND INVESTMENT
COMMERCIAL LAW DEPARTMENT

PATENT ACCEPTANCE LETTER

FILE INFORMATION

Filing date: 06 March, 2026	File number: F/PT/C/O/2026/21710
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PATENT INFORMATION

Title Of Invention: A Machine Tool for Precision Forming of Metal U-shaped Clip	
Application Type: Patent	Patent type: Conventional - Foreign

Abstract:

This invention discloses a precision metal U-shaped snap machine tool for wire processing, comprising: a main body with a hydraulic cylinder mounted at its top, guide rods and screws installed on both sides of its base, and threaded limit seats symmetrically mounted on the screws' outer surfaces. A sliding mounting seat is installed on one side of the guide rod, with a pressure switch mounted at the mid-side of its end face. The opposite side of the guide rod is equipped with a sliding guide seat. Without replacing the press forming die, the machine tool can accommodate metal wires of various sizes to achieve press forming of U-shaped snap components. It enables precise control over the forming opening width, depth, and relative length of the two side walls, meeting both symmetrical and asymmetrical snap processing requirements. This design enhances machine tool adaptability and processing quality, expanding its application scope while improving processing efficiency.

FIRST PRIORITY INFORMATION

1. Application Number: 2026101289933	Country: China
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PRIORITY INFORMATION

1. Application Number: N/A	Country: N/A
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APPLICANT INFORMATION

Name: SHENGMAO PACKING MATERIALS CO., LTD.	Email:
Phone number:	State: Hebei
Address:	Nationality:

Liu Tuo Ying Industrial Zone, Boye County, Baoding City, Hebei Province, Zip:071000, China	China
PATENT INVENTORS	
1. Name: Yang Shengmao Email: Phone number: Nationality: China Address: Liu Tuo Ying Industrial Zone, Boye County, Baoding City, Hebei Province, Zip:071000, China	
2. Name: Yang Junchong Email: Phone number: Nationality: China Address: Liu Tuo Ying Industrial Zone, Boye County, Baoding City, Hebei Province, Zip:071000, China	
CORRESPONDENCE INFORMATION	
EXAMINER INFORMATION	
Name: Eunice Jime	
ATTACHMENTS	
Name: cs	
Name: poa	
Name: drawings	
Name: priorityDocument	

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