



US005261263A

United States Patent [19]

[11] Patent Number: **5,261,263**

Whitesell

[45] Date of Patent: **Nov. 16, 1993**

[54] **CRIMPING PLIERS WITH RADIALLY OPPOSED JAWS**

4,578,982	4/1986	Schrock	72/402
4,727,742	3/1988	Weaver	72/402
5,203,197	4/1993	Depperman	72/402

[76] Inventor: **Eric J. Whitesell**, 7226 Fargate Ter., San Diego, Calif. 92126-2581

FOREIGN PATENT DOCUMENTS

[21] Appl. No.: **994,518**

1042984	9/1983	U.S.S.R.	81/90.2
367221	2/1932	United Kingdom	72/410
2081144	2/1982	United Kingdom	72/402

[22] Filed: **Dec. 21, 1992**

[51] Int. Cl.⁵ **H01R 43/042; B25B 13/28**

Primary Examiner—Daniel C. Crane

[52] U.S. Cl. **72/410; 72/402; 29/751; 29/237; 81/90.2; 81/90.3; 30/90.1**

[57] ABSTRACT

[58] Field of Search **72/402, 410, 409, 450; 29/751, 753, 237; 81/348, 350, 342, 90.2, 90.3; 30/90.1, 95**

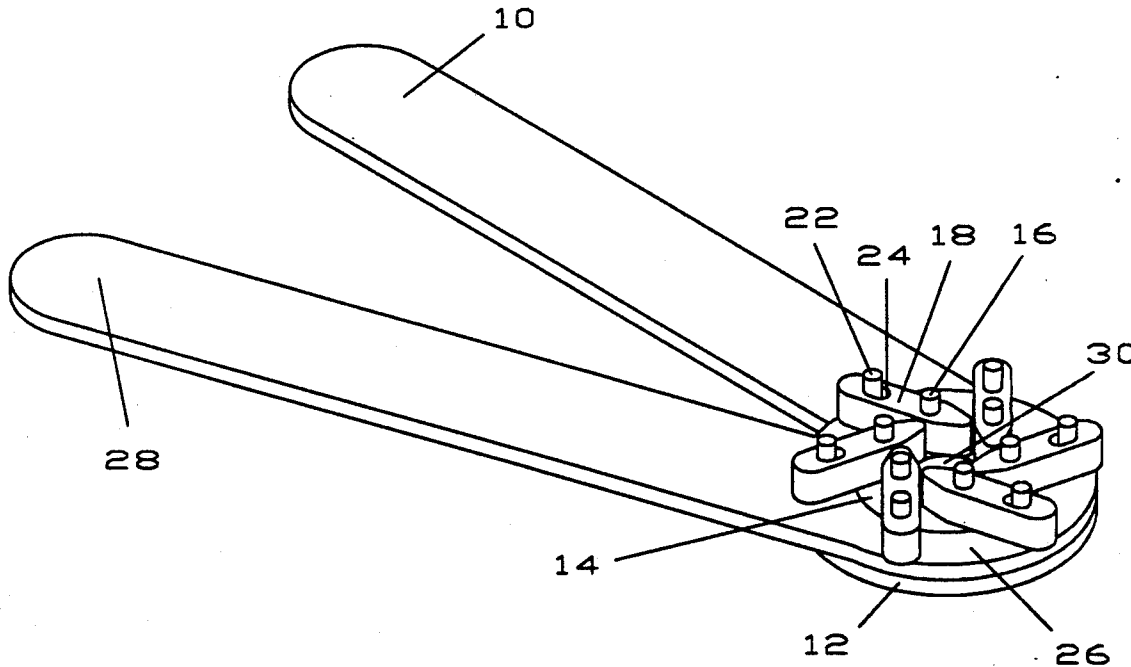
An improved crimping tool mechanism with radially opposed jaws that direct and balance compressive forces toward the center of the work, joining cylindrical connectors and cables with more reliable electrical and mechanical contact than that obtainable using linear motion devices.

[56] References Cited

U.S. PATENT DOCUMENTS

3,111,157	11/1963	Henry	72/402
3,199,334	8/1965	Holmes	72/410
3,664,213	5/1972	Anati	81/90.2

6 Claims, 6 Drawing Sheets



EDWARDS LIFESCIENCES EX. 1003

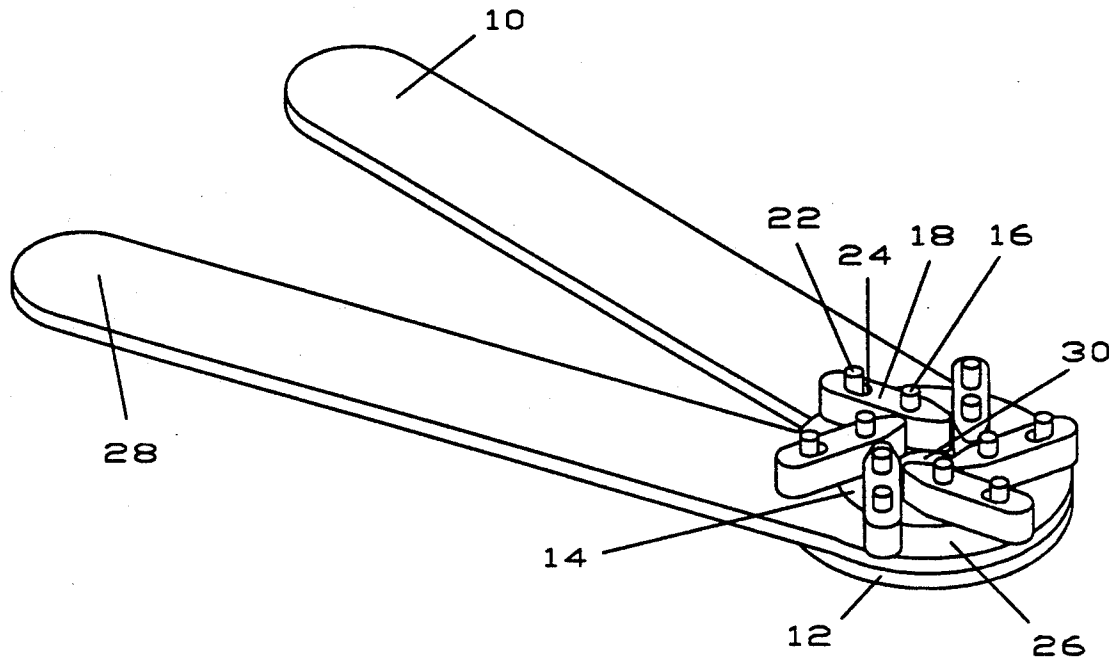


Figure 1

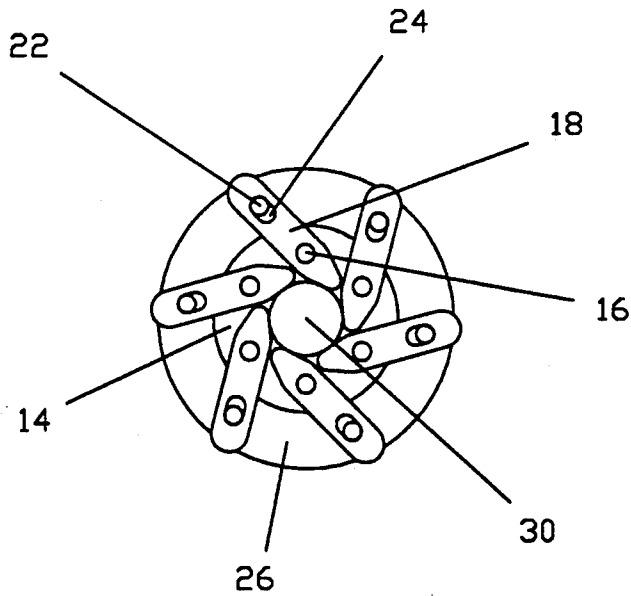


Figure 2

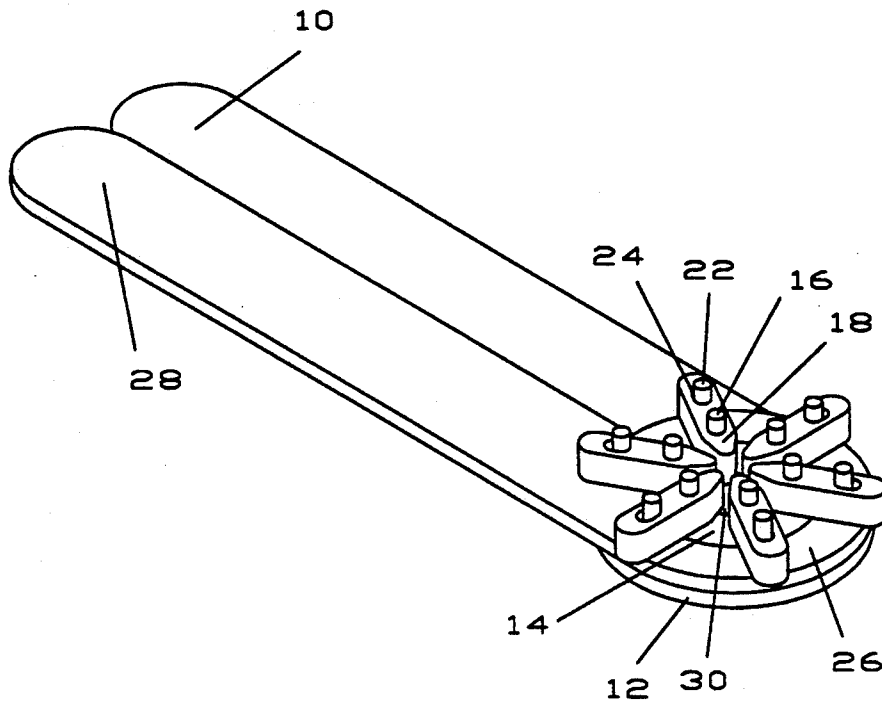


Figure 3

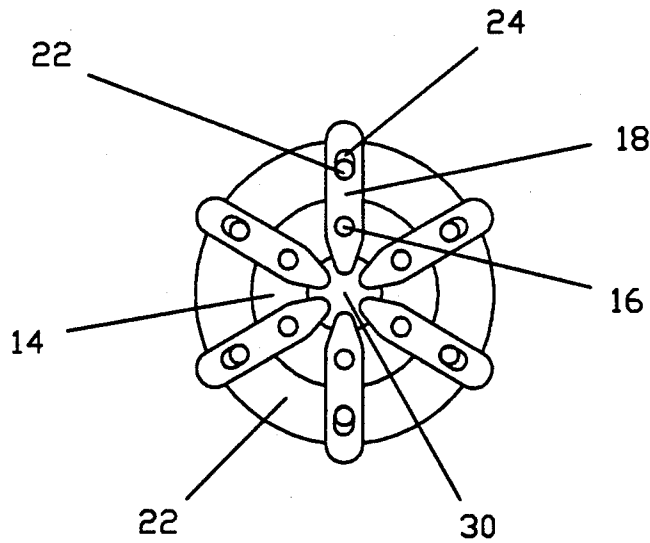


Figure 4

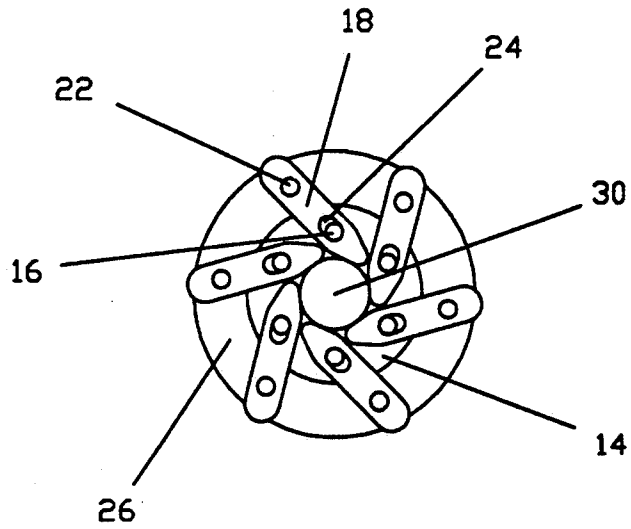


Figure 5

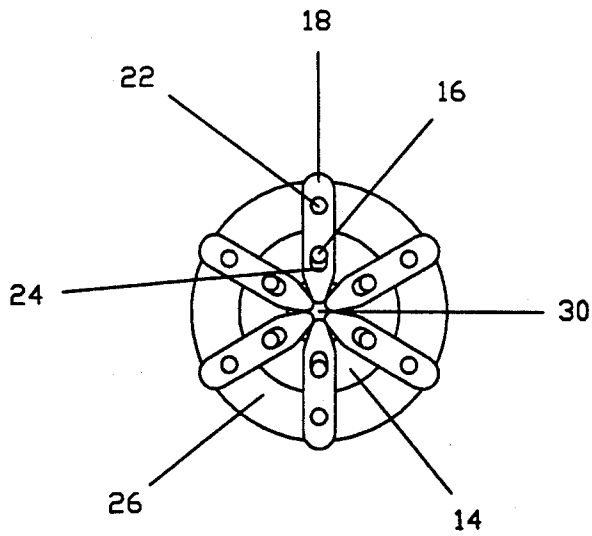


Figure 6

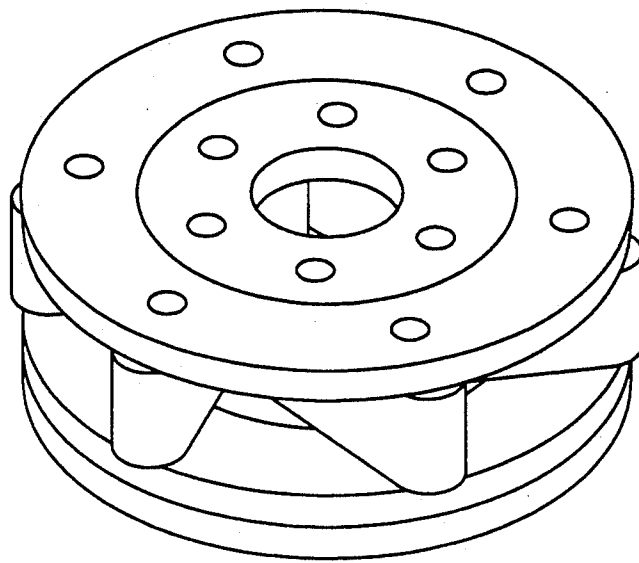


Figure 7

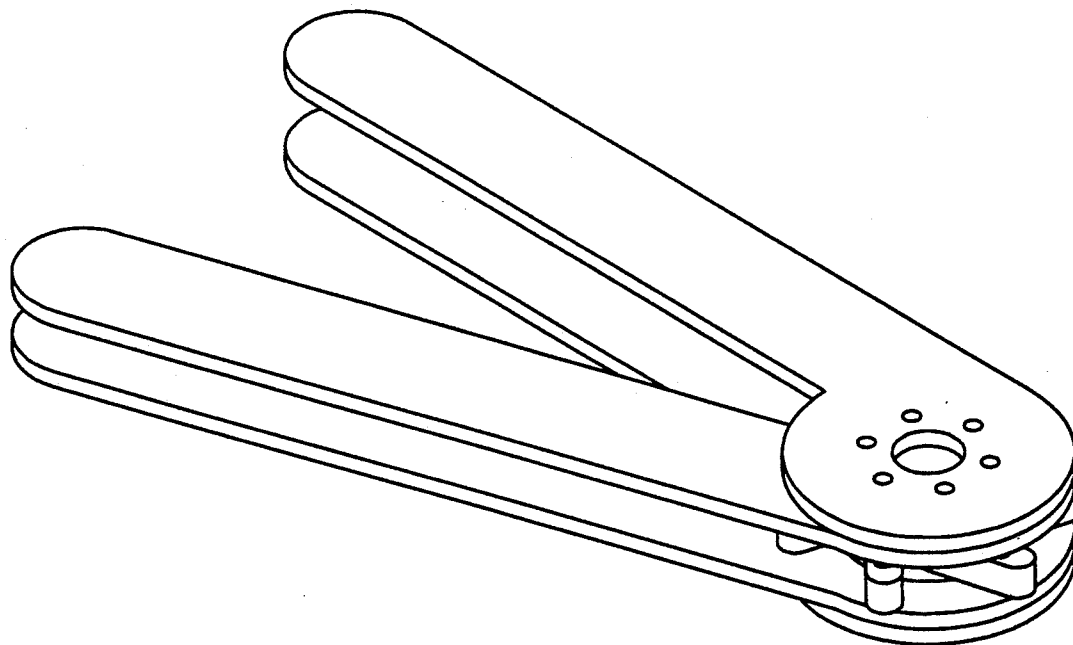


Figure 8

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