

# SUPPLEMENT TO GROUP XXI.

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## REPORTS OF JUDGES ON APPEALS.

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### JUDGES.

JOHN FRITZ, Bethlehem, Pa.  
EDWARD CONLEY, Cincinnati, Ohio.  
CHARLES STAPLES, JR., Portland, Me.  
BENJ. F. BRITTON, New York City.  
H. H. SMITH, Philadelphia, Pa.

COLEMAN SELLERS, Philadelphia, Pa.  
JAMES L. CLAGHORN, Philadelphia, Pa.  
HENRY K. OLIVER, Salem, Mass.  
M. WILKINS, Harrisburg, Oregon.  
S. F. BAIRD, Washington, D. C.

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#### 1. D. L. Kennedy, New York, N. Y., U. S.

SPIRAL PUNCHES AND PORTABLE PUNCHING AND SHEARING MACHINES.

*Report.*—Spiral punches, specimens well made. Commended for utility and fitness for intended use.

“Concentrated power” punching and shearing machines. Commended for ease of working, and utility.

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#### 2. A. Weed, Philadelphia, Pa., U. S.

FILE-CUTTING MACHINE.

*Report.*—Fitness for use intended.

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#### 3. David McFarland, Worcester, Mass., U. S.

ADJUSTABLE SCREW WRENCHES AND VERTICAL HAND-DRILLING MACHINES.

*Report.*—Commended for the convenience and strength of the wrenches, and their adaptability to various purposes; the convenience and general usefulness of the drilling machines.

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#### 4. C. W. Coe, Fenton, Mich., U. S.

PORTABLE HAND-DRILL AND BOLT-CUTTING MACHINE.

*Report.*—Commended for ingenuity of feed motion, simplicity, and adaptability of machine to its use.

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#### 5. The E. Horton & Son Co., Windsor Locks, Conn., U. S.

LATHE CHUCKS.

*Report.*—Commended for intrinsic excellence in workmanship, material, and adaptability to the uses for which they are intended.