

6. American File Co., Pawtucket, R. I., U. S.

FILE-TESTING MACHINE.

Report.—Commended for simplicity and efficiency.

7. C. Scofield & Co., Vineland, N. J., U. S.

SHAFT STRAIGHTENER.

Report.—Commended for simplicity, efficiency, and judicious application of power to effect its purpose.

8. Morris L. Orum, Philadelphia, Pa., U. S.

FLEXIBLE MANDRELS FOR BENDING METALLIC TUBING.

Report.—An original and very creditable invention, displaying considerable ingenuity, and deserving commendation for its labor-saving qualities, and for producing results in tube bending that have never been obtained by any of the old methods.

9. Jose Baptista, Oporto, Portugal.

LATHE FOR GEOMETRIC TURNING.

Report.—Commended for very good workmanship and ingenuity of construction.

SIGNING JUDGES OF SUPPLEMENT TO GROUP XXI.

The figures annexed to the names of the Judges indicate the reports written by them respectively.

COLEMAN SELLERS, 1, 2, 4, 9.
CHAS. STAPLES, JR., 3, 5, 6, 7.
JAMES L. CLAGHORN, 8.