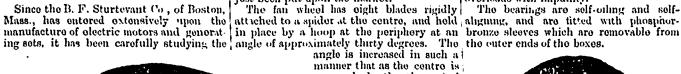
A NEW ELECTRIC PROPELLER VENTILATING FAN.





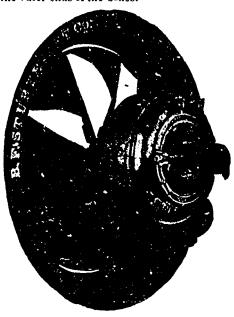
panying engravings, showing views of one of This feature, combined with the small temtheir electric ventilating fans, which have perature use, allows of carrying temporary just been put upon the market.

angle is increased in such a manner that as the centre is; approached, the theoretical velocity of the air remains practically constant. In other words, the delivery edge is helical, and the air is picked up on the inlet edge of the blades at low velocity. When well under the influence of the blades, it is accelerated to its maximum velocity with the least amount of slip. The result is an extremely ethicient wheel.

The motor likewise has been the result of very careful study in the attempt to provide a light machine, entirely enclosed, and at the same time to avoid the excessive temperature which is incident to the operation of most enclosed motors. The result is a machine capable of continuous operation for ten hours, with a maximum temperature rise of not exceeding thirty degrees F. A practical

ventilating fan. Exhaustive tests were excess loud of seventy-five per cent. above furnishes at the same time a rigid support made with different types of fan wheels. the rated capacity may be carried without for the motor to which it is attached by the The result is rendered clear by the accom- sparking, and without change of brushes. tripod hanger.

overloads with impunity.



The wheel is partially enclosed within a problem of the manufacture of a compact, efficiency of over eighty per cent. is obtained conoidal inlet ring, which decreases the fricefficient and convenient type of electric even with the small sized motors, and an tional resistance to the entering air, and

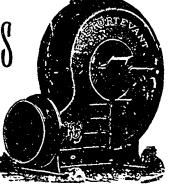
The Sturtevant

TWENTY-FIVE SIZES AND STYLES

HAND POWER BELT POWER

Hand Blowers

FOR FORGE.



The Sturtevant STEAM: FANS

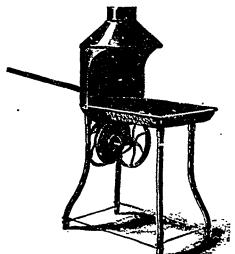
For BOILER FIRES

FORCED OR INDUCED DRAUGHT

MANUFACTURED BY

B. F. STURTEVANT CO.

Boston, Mass., U.S.A.

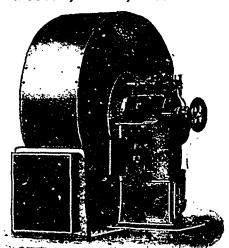


The STURTEVANT

Biowers and Exhausting

Known as the Monogram Pattern, For Blowing Boilers and Fires, Exhausting Dust and Gases.

SEND FOR CATALOGUES



A.R. WILLIAMS MACHINERY CO., General Canadian Agents, Toronto, Brantford, Montreal.

When writing to Advertisers kindly mention The Canadian Manufactures.