40 N50

The crown on model has not been touched by buffer or wheel.

ADVANTAGES

Strength—Thickness of metal external to band makes crown unbreakable.

Definite seat—Ease of adaptation of thin metal obviating irritation at gingival.

THE IGORROTES' METHOD OF CASTING, USING DISAPPEARING MODEL.

Exhibit of Dr. Weston A. Price, Cleveland, Ohio.

Their casting and melting furnace is a forge, the fire pot is made of crude stones, and bamboo tubes are used for the bellows and connecting

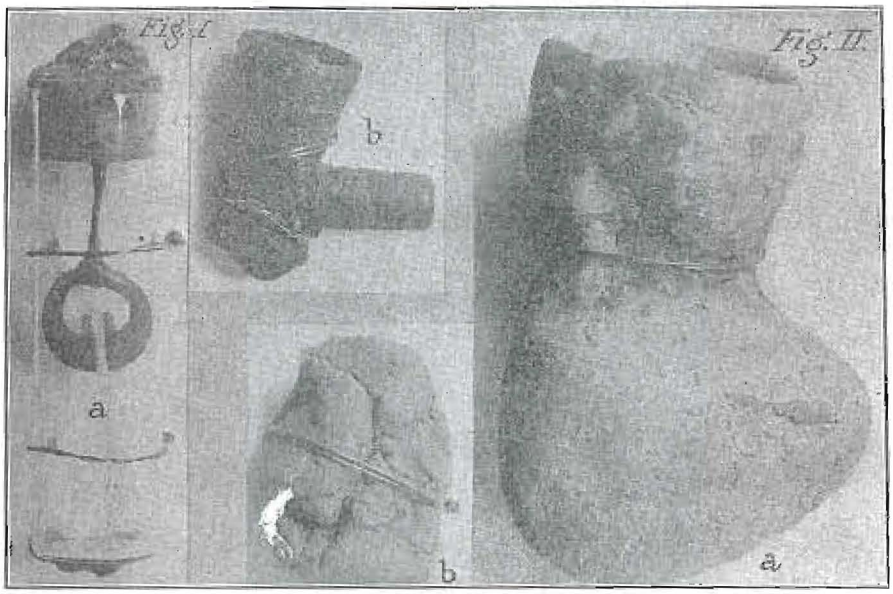

Fig 1.—Pipe and earring made of beeswax by the Igorrotes of the Philippine Islands for disappearing models for casting in brass, also a sample of the wax.

Fig. 2.—The pipe invested in a wet clay with crucible funnel for holding the brass for a head of metal when melting it for casting, also a sample of clay. See photo of casting.

pipes. Feathers are stuck in the piston sticks similar to those in a bird's wing, allowing the air to pass through them on the up stroke and holding it on the down stroke. Homemade charcoal is the fuel, and they can melt brass in fifteen minutes. These specimens were purchased from the natives

who were using them at the Seattle Exposition in 1909. They also exhibited the same process at St. Louis Exposition. Native traditions indicate that these Igorrotes have used this method for a thousand years.

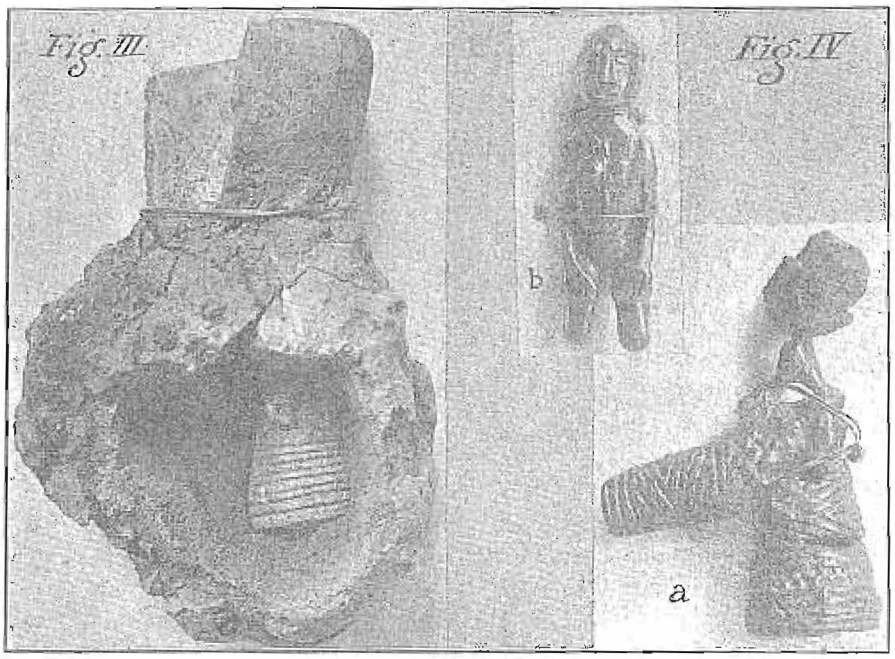

Fig. 3.—The investment cup open to show the method of coreing for the hole in the stem.

Fig. 4, *a*—A pipe after casting (this one a cull).

b—An image cast by them from a carved beeswax model.