

A

FIELD MUSEUM OF NATURAL HISTORY.

34-31

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Country Palawan, P. I.

Locality Northern Palawan

People Batak

Name Bangan. Tire maker, a soft stick of wood is split & a plug inserted. Bark cloth is placed below it. A small rattan ring - Paklau - is unwound and an end held in either hand while the lower loop rests

Collection R. F. Cummings Expedition,  
(F. C. Cole, 1907-8).

Notes The rattan ring is worn as an arm ornament.

Width \_\_\_\_\_ Length \_\_\_\_\_ Height \_\_\_\_\_ Price Trade



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between the split wood & the bark.  
The rattan is then sawed rapidly  
up & down, causing fire by friction.  
When a fire is desired the rattan is unwound  
and an end is held securely in each hand. The  
loop thus formed passes between a piece of bark  
laid placed in the ground, and a split stick which  
has been wedged open. Alternate pulling of the  
ends of the strip generates enough heat, by friction,  
to ignite the cloth.

This device is also found in northwestern Luzon  
and in Mindoro of the Phillipines; and sporadically  
from India and Assam to New Guinea. Somewhat  
similar methods of fire production are also met with in  
parts of America and Europe, but it is unlikely that these  
are historically related to the "thong-saws" of Malaya and the far east.