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882 O.G. 1347

T882,023
**METHOD OF MAKING A HYDROLYZED
CELLULOSE ESTER PRINTING PLATE**

CELLULOSE ESTER PRINTING PLATE
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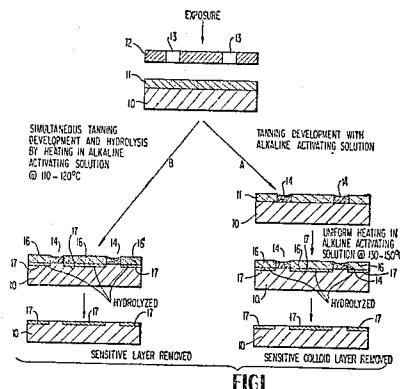
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Filed June 19, 1970, Ser. No. 47,707

Int. Cl. G03f 7/02

U.S. CL. 96—33

1 Sheet Drawing. 11 Pages Specification

Preparation of lithographic printing plates by coating a substantially fully esterified cellulose organic acid ester support with a hydrophilic unhardened, tannable colloid layer such as gelatin containing light sensitive silver halide, exposing the sensitive colloid layer to a subject, developing the exposed layer with a tanning developing agent, heating the developed layer in alkaline hydrolyzing solution at a temperature of about 110° F. to 150° F. to hydrolyze areas on the cellulose organic ester support and form on said support an image corresponding to said subject and removing the colloid layer from said support.



In a preferred aspect of the invention, the heating of the developed layer is effected by infrared radiation.

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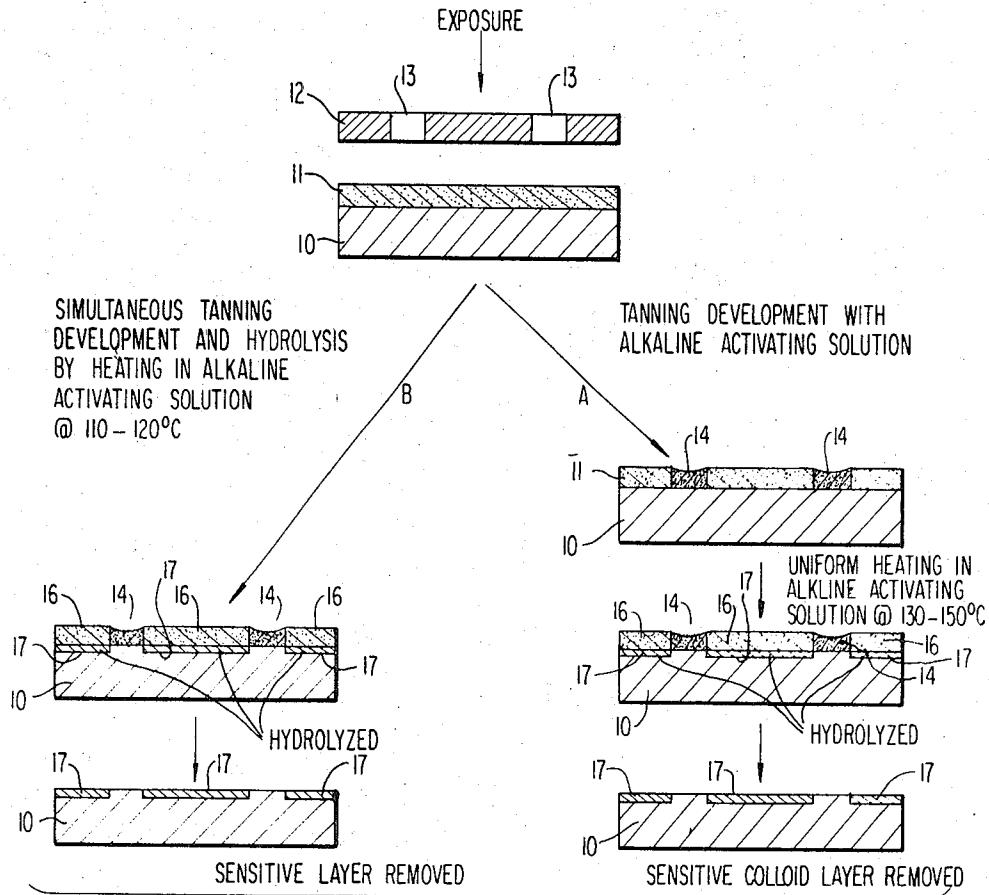


FIG.

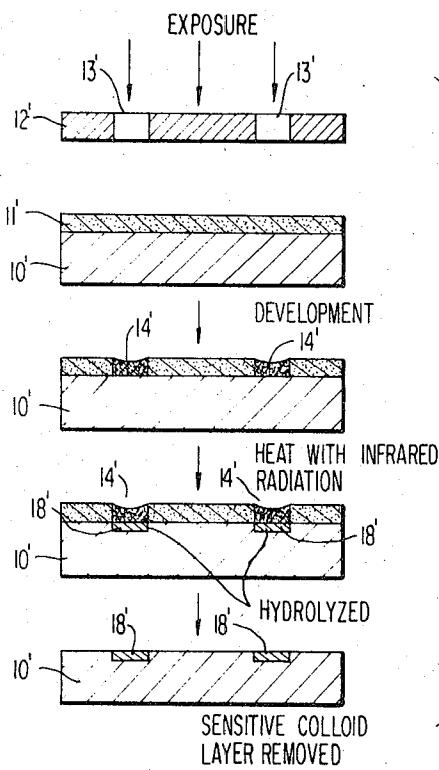


FIG2

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