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SCIENCE DIGEST

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CALIFORNIA'S COMING EARTHQUAKE

PREVIEW
OF DISNEY'S
WORLD'S FAIR
SHOWS

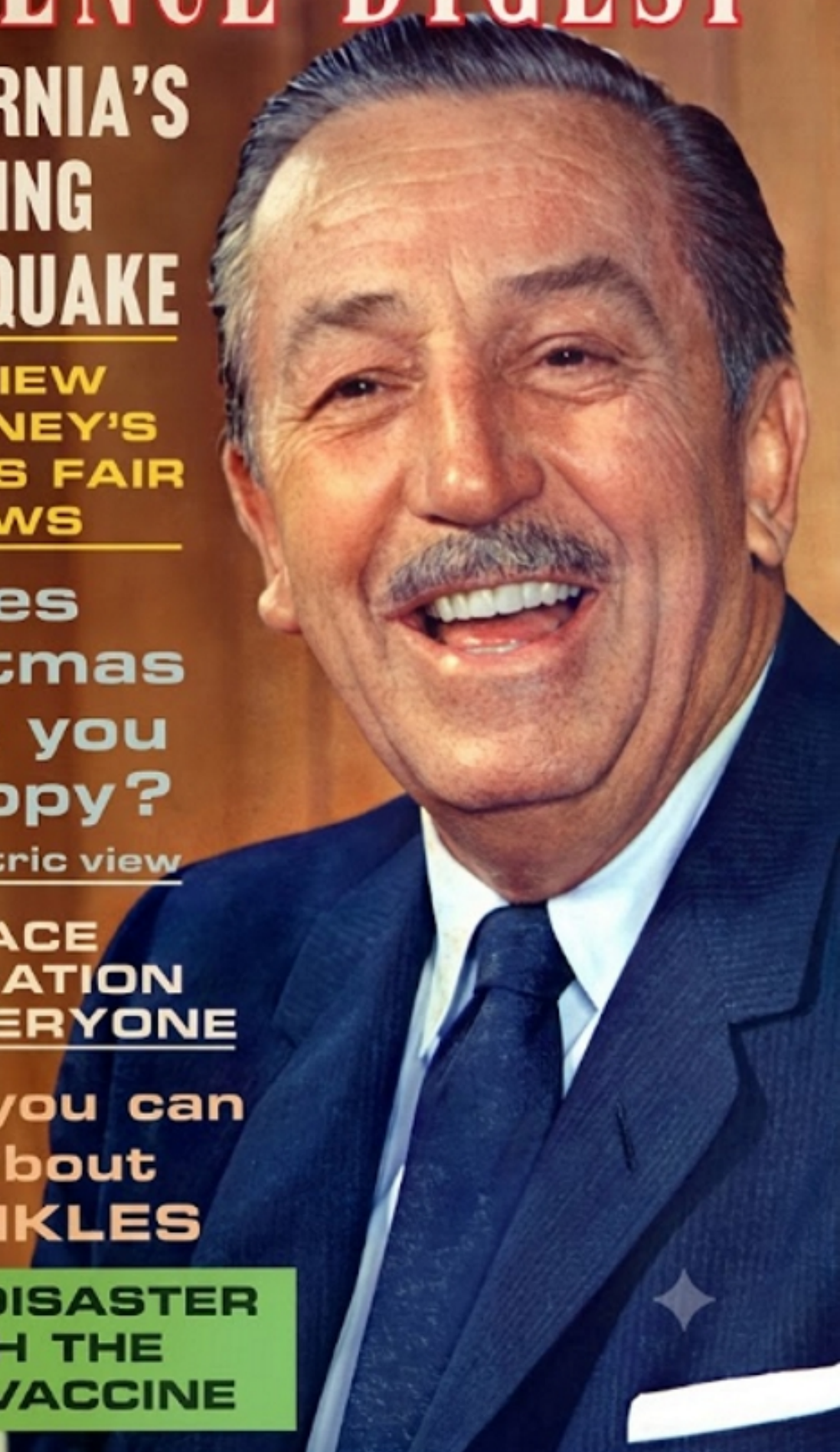
Does
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A psychiatric view

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WRINKLES

NEAR DISASTER
WITH THE
SALK VACCINE



PREVIEW OF DISNEY'S WORLD'S FAIR SHOWS

THE 1964 New York World's Fair will feature exhibits from many lands, but it's safe to predict that the most popular will be those created by that master of ingenuity and imagination—Walt Disney.

A number of exhibitors have commissioned WED Enterprises Inc. (Walter Elias Disney) to help design their attractions.

Star performers in the Disney-designed exhibits will be life-like plastic figures (left) powered by a new system of animation called "Audio-Animatronics."

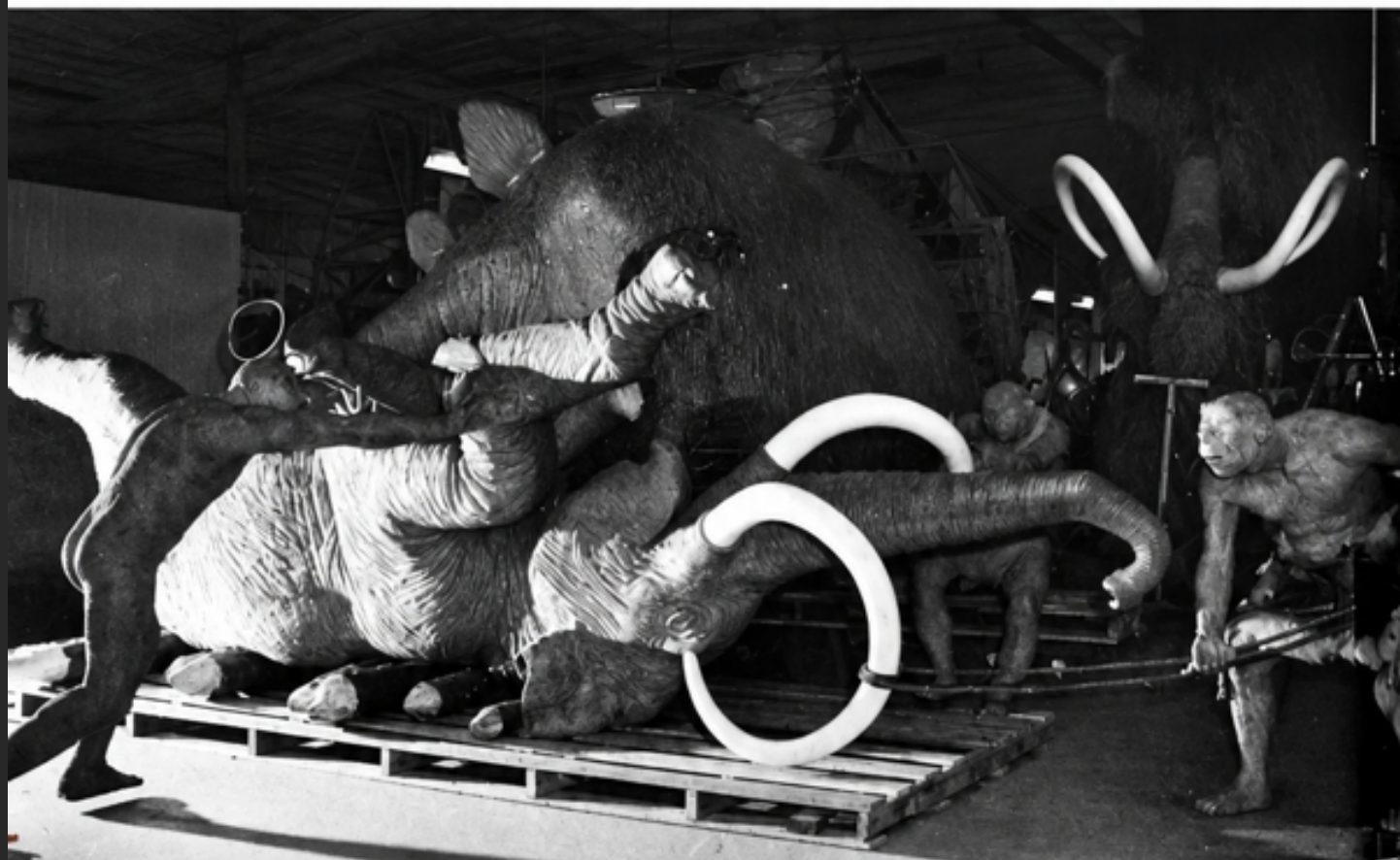
The figures are driven by magnetic tape machines. Sounds as well as movements are "programmed" onto the tape. As it plays, sounds come from speakers in the figures. Each sound impulse triggers a valve, shooting air through tubes connected to springs that work like muscles to make the figures move. With life-like reality, the system will reproduce delicate motions.

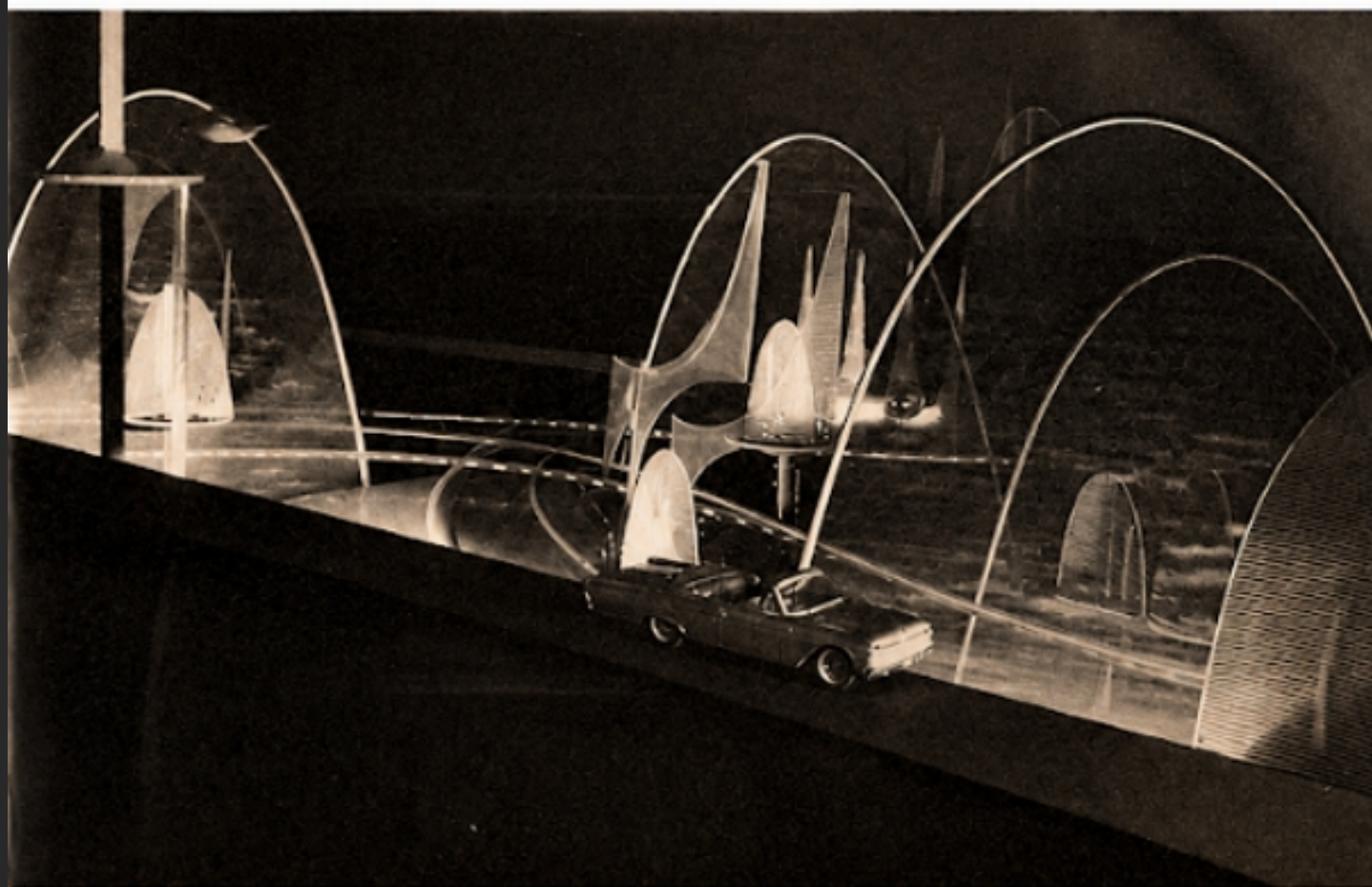
Here is a preview of the Disney wonders you'll see when the Fair opens on April 22.





Distant past (above) and dazzling future (right) pass in review in "Magic Skyway" ride. Visitors will travel in full-sized Ford convertibles. Some of the dinosaurs will be over two stories high. At the Disney studios in California (below), a group of automatic cavemen try to haul off a model elephant. All of them will be hauled to the Fair.





Past, present and future in 12 minutes

FOR the "Magic Skyway" ride at the Ford pavilion, one of Disney's four Fair shows, you step from a moving ramp into a 1964 Ford.

Your car first passes through a transparent plastic tunnel, which winds around the outside of the pavilion, giving you an unimpaired view of the fairgrounds.

Then back into the pavilion and back—way back—into a Disney-created prehistoric world. Huge dinosaurs munch strange vegetation. From above, you are menaced by flying reptiles. You're quite safe, of

course; these Audio-Animatronic figures just bluff, never bite.

You pass man's early ancestors and watch them hunting and making a fire. You hear the grunts that marked the start of language.

As the car moves on, you come upon familiar scenes of today's world. Another transformation and you are in a gleaming world of the future as imagined by Disney.

Still another change pulls you back to the present, but for real this time—the ride is over, a trip through time in just 12 minutes.