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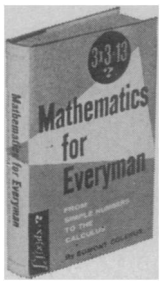
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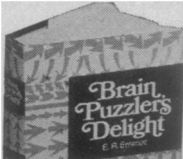
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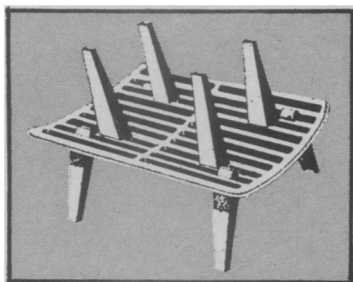
The Driver beat Brown at billiards and Smith and the Guard often played golf with the men in black and green shirts. Jones and the Porter disliked the man in the green shirt, but this was not the Stoker as he always wore a red shirt.—What was each person's occupation and color of shirt?

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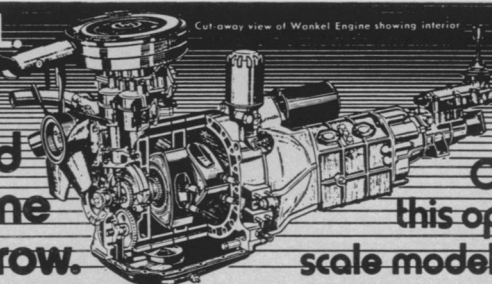
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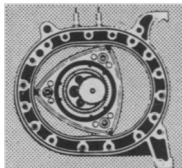
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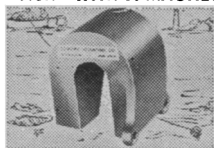
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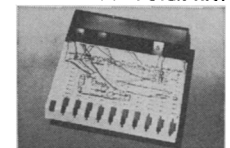
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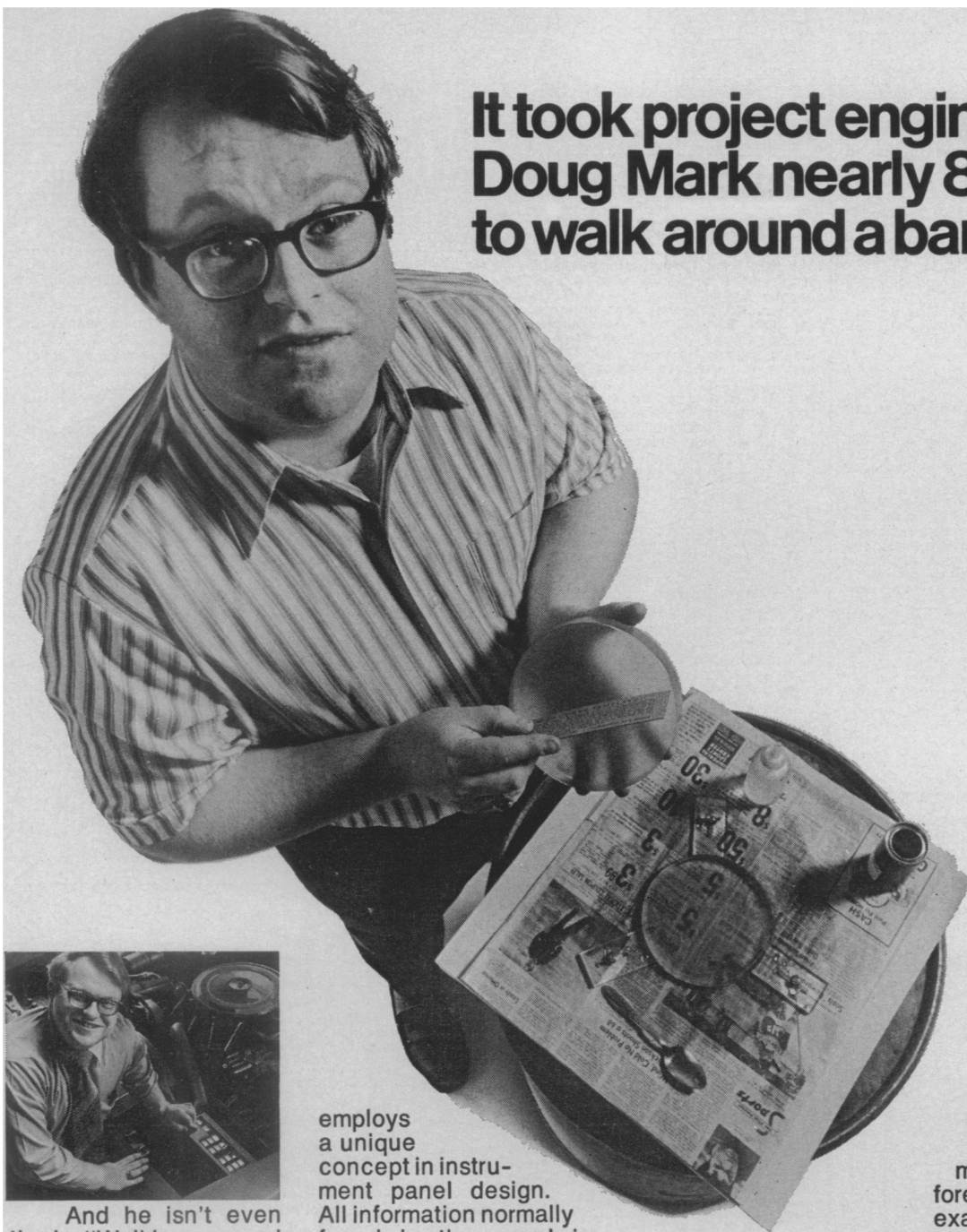


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**It took project engineer
Doug Mark nearly 80 hours
to walk around a barrel.**



And he isn't even tired. "Walking around the barrel" is physics jargon for the ancient craft of hand-grinding optical lenses. Doug is an amateur astronomer who believes in do-it-yourself telescopes.

With a Master's Degree in Electrical Engineering, Doug Mark is a project engineer at the research laboratory of AC Spark Plug Division in Flint, Michigan.

At AC, he just completed work on a futuristic "Data Center Car" that

employs a unique concept in instrument panel design. All information normally found in the panel is seen in lighted digits, rather than conventional needles and gauges.

The experimental car has remote control doorlocks, plus an advanced electronic system that provides braking and acceleration controls and also makes possible automatic service checks on the vehicle.

Doug has been an amateur stargazer since youth, but just recently became interested in making his own tele-

scope. Although he expects to purchase some finished parts, Doug says the most difficult task is "walking the barrel" to grind the lens.



This consists in slowly rotating the rough lens around a barrel-like apparatus that holds a fixed abrasive. Angles and refracting properties must be calculated beforehand to assure the exact optical characteristics desired. He estimates it will take nearly 80 man-hours just to finish the lens.

Doug Mark is typical of the diversity found at GM. We think he illustrates the point that it takes more than engineers to make a corporation work.

It takes people with imagination.



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