


## Japanese-American twins

Twwins beneath the skin, the Mercury Villager and Nissun Quest ure the most cortike minivans to date. Passengers sif doser to the ground than in other minivans, and the suspension provides a soffer, sedanlike ide. The result of o fouryear joint project by the twa carmakers, the varts are powered by a three-liter V6 derived from the engine used in the Nissan Maxima. The Quest and Villoger are priced from ohout $\$ 17,000$ to $\$ 23,000$.


## Heat relief

Physicist Thomos Mee found a. use for fog other than: providing London with ambiencer outdoor cooling. The Mee Fog device sprays o superfinie mist of water through potented stoinlesssteel nozzles to drop dir temperutues by as much as $40^{\circ} \mathrm{F}$-enough to moke scorching Southiwestem buckyards bearable in summer. The system is used in public areos such os New York's Bronx 200 and Expo 92 in Seville, Spain.

## It's in the cards

 The NCR 3170 is sone of the entivy notebook computers to forture the ceriftendsize PCMCLA slot os a stondurtized "disk diviv." The slot handles memory cards, highlspeed medemin terids, iletwaik adopiters und more. A builitin fox/modem tand ond an optionol wireless email systam complement this 4.9 .pound natabook's 386 SL processor mand 80 -megathyte hard dive. This combination of fectures con't be Found ine lighter notebook.

## Intelligent excavator

 the historically low-tech construction industry into the spoce oge. Using sophisticated force-feedback electronics, the operator con move the shovel intuifively ond "feel" what it touches, even though the operator moy be miles from the site. As its name implies, Haz-Trok moy come in handy for deaning up chemical ond nuclear waste sites.


## TV that's ghost-free

## Engineers of Pillips tite

 exorising ghosts from IV sets with the first gliost conceling refferice (GCR) signal. The GCR signol is inserted at trond cost stufions, hardware Hhat convertsit lod diatitl formuls-now at cuible carmponies ond soon tuvitathe in V s sets- then meliusts and "cleons" the signal by comparing the hrandicustel| GCR siquat with o copy of the gingigal version sitoted tin the fifilwere miemory, The vosult deor, shap, glostitiee pithues.