A New Trail Takes Oregon to High Tech

OREGON, From A1

They can be seen at the plant Praegitzer has built on the outskirts of this tiny Willamette Valley town.

Praegitzer, 53, started working n a sawmill at 14 and had his own ortable mill by 21. But in the late 970s, with inflation leading to crazy bidding" for timber rights nd soaring interest rates crippling he construction market, Praegitzer ot out of the business.

In 1981, two years after he losed his mill, he and a California partner opened a plant here to manfacture electronic circuit boards. le now employs 105 people-alnost as many as he had working for im at the height of his lumber oprations. Not one is a carry-over.

The change in Praegitzer's busiless is directly related to the events Friday in nearby Salem, vhere the state house passed a bill o give Oregon a 5 percent sales tax s part of a massive restructuring if the revenue system designed to ttract new jobs and industry. The ales tax, which has been rejected ix times in the past by the voters, assed the Democratic-controlled ouse 39 to 21, with the enderseient of Republican Gov. Victor G. tiveh, who in the past had been as damantly opposed to it as most Jemocrats were.

A key to its passage was pressure com the high-tech industry, which vanted relief from high income tax ates and sought a more stable ource of school financing than the roperty tax provides.

a Oregon. In the late 1960s and arly 1970s, this state was riding n economic boom, Population

and 1975. Gov. Tom McCall (R), in restimated that three major segoffice during most of that decade, ments of high-tech electronics will epitomized Oregon's efforts to slow add more than 24,000 jobs in the television to say, "Come visit, but modest. Yfor God's sake, don't stay."

gibbs were lost. In 1982 and 1983, linemployment topped 20 percent. Oregon's population fell 65,000.

flost, we'll never get back."

land, where in 1946 Howard Vol- wages between \$5 and \$6.50." temploying 15,000 in Oregon.

jumped by one-sixth between 1965 Oregon Employment Division has lits growth. McCall went on national 1980s. Some consider that estimate

There are concerns that the state But even then, technological ad- may be split into two sectors, one vances in the timber industry and expanding and the other declining. the shift of its operations to the "The unemployment rate in the Southeast were reducing employ- Portland area's three counties is ment in the forests and mills. The 7.5 percent and stabilizing," Julie severe economic cycles that cli-Tripp of the Portland Oregonian maxed in the 1981-82 recession 3wrote. "The rate in Oregon's other knocked out any complacency in economy is 4 points higher, and in Oregon. Between 1979 and 1982, many counties, climbing." In some 226,000 lumber and wood-products lumber-dependent areas, year-end

A parallel concern is that the That trend turned around in shifting economic base may force 1984, but the comeback in lumber- many people from high-wage to ring has been spotty. A study in mid-low-wage jobs. A mid-1984 legis-11984 found that fewer than half the lative report warned that "the dellumber and wood-products jobs lost clining numbers of 'family wage' during the recession had been been jobs" constitute "a threat to Oreiof the woods and mill jobs we've 000 of the 75,000 jobs Oregon lost to the recession were in industries time the high-tech industry will versity's engineering school virtu-Fortunately for Oregon, the de-paying an average wage of more spread into more of the state. cline in the lumber industry has co- than \$10 an hour [But] Orefincided with the rise of a high-tech gon's recovery has been fueled pri- growth comes from people and was in that sense an anomaly, for lindustry, centered largely in Wash- marily by growth in services and re-Ington County, just outside Port- failing industries with average nia's high-priced, densely packed nearby. But the industry is forcing

Jum and Jack Murdock started a There is debate about how seri- and Thomas H. Bruggere, president though Oregon State University in garage operation that has grown ous these economic threats are, of four-year-old Mentor Graphics, Corvallis, 80 miles south of the into Tektronix, an electronics giant Praegitzer, for example, says he are Californians who worked for main high-tech center, traditionally starts his circuit-board employes at Tek before starting their own has been the locus of engineering Tektronix has spawned dozens of \$3.50 an hour "but within a couple firms. Both have emerged as studies, Portland State has been folishoots, run by former "Tekkies," years, they're making \$15,000 a spokesmen for the high-tech indus- adding courses. The high-tech firms land these firms have filled the year. My sawmill people made more try in reshaping Oregon's economic have organized a privately financed chlanks of the Sunset Highway and an hour, but not in a year, because policy toward expanding the elec- graduate center in computer scithe "Silicon Forest" and are spread-these people are working regular." tronic job pool,

It is another sign of the new era ling down the I-5 corridor running ! As for the "two economies" fear, The impact can be seen clearly in people to work for advanced desouth to Eugene. Overall employ- such high-tech executives as C, the related areas of taxation and edment in the industry is estimated at Norman Winningstad, president of ucation policy. High-tech lives off (40,000 jobs (compared to 63,000 in Floating Point Systems, a Tek- education facilities; Stanford Uniflumber and wood-products). The tronix spinoff, say they think that in



restored. Praegitzer says that "a lot gon's economic health." It said "60,- Thomas Bruggere has become a spokesman for Oregon's high-tech industry.

ally spawned Silicon Valley. Tek's Part of Oregon's high-tech birthplace in Washington County companies moving out of Califor- there was no first-class university Silicon Valley. Both Winningstad the state to fill the vacuum, Alences to allow a handful of their grees.