



RAY HABERKORN MAKES LETTER-OPENERS
Workday is in his hands.

Letter Openers Open New Career

By LORA LEE WATSON
Minneapolis Tribune Staff Writer

Ray Haberkorn, 1144 Laurel Ave. St. Paul, has a hobby that will become his full-time job two years from now.

Daytime, he works for Spurr and Co., South St. Paul. That's the job from which he will retire in two years. Evenings and Saturdays, he makes letter-openers in his basement.

That's the planned retirement job.

Since mid-October, Haberkorn has turned out about 600 letter-openers. That's because his enthusiasm for making them has been so great that he has turned out 500 more since then.

He makes them through a process that involves a lot of steps. He starts with a piece of clear plastic that he cuts at a size and into it sand, never removing the sand, and pouring in the colored layer. He applies a surface hardener and lets the whole thing stand overnight.

FINISHING touches include grinding a hole for the blade, flattening the ends and squaring off the bottom on a machine. Then he shapes the piece on a lathe, using a small trim saw, sanding it smooth and polishing it.

Some expensive gun materials are bought from dealers and kept until needed. Haberkorn gets the material in chunks and uses it in a machine. Then he shapes the piece on a lathe, using a small trim saw, sanding it smooth and polishing it.

Top seller is the South African "tiger eye" stone and best is Moroccan "tiger eye." Haberkorn also gets a lot of business from Arizona and Arizona. He has found that the best way to cover the sand of the blade with glitter is to paint it with colored nail polish first. When the glitter has dried on, the shank is fastened into the handle with epoxy.

One Haberkorn got his techniques and proportions condensed. He found that his home manufacturing process also demands careful temperature control, careful measuring and timing — and countless mistakes.

FOR 12 YEARS, Haberkorn had done literary work, making such things as letter files, clip art and jewelry mountings. This last spring, he spotted an ad for molds to make letter-openers and decided to give it a try.

He bought the mold and discovered, through another ad, a place in California where he could buy big blanks.

"And then," Haberkorn said, "I had the awfulest time getting the right combination."

He says colored liquid plastic for the top layer, color pigment to mix with the plastic.

On the bottom layer, color pigment to mix with the plastic.

The most measure precisely the catalyst that hardens the plastic, because he found from frustrating experience that too much will cause the handle to crack.

Good Repairs Can Silence Plumbing's 'Cries for Help'

Old-time plumbing is sometimes pretty spooky. The mysterious thumps, whistles and rattles often heard in older homes are certainly annoying, if not downright frightening. According to the Plumbing-Hanging and Heating Association Bureau, there are several types of plumbing noises and a special remedy for each. Here are a few.

Water noises can be produced by a worn washer or defective assembly resulting in chattering or whistling. Often a time washer will cause such noises by alternately stopping and freezing water when the faucet isn't completely shut off. The remedy is to disassemble the faucet and tighten it before holding the washer. If the washer is worn, replace it.

Water closets usually consist of high-pitched whistling when the tank is filling. Most often, it's caused by a restricted passage in the float valve. The trouble is usually corrected by simple adjustment of the valve. If not, the valve should be replaced.

A low humming sound often indicates that water

is running into the bowl after the tank has been filled, pointing toward a leaky discharge valve and a high water bill. Usually, a high water bill usually indicates that the float valve isn't closing properly. Sometimes the seat is covered with grit or rust from corrosion. A new ball in the "pressure" tank is a remedy, but the seat may also need cleaning and smoothing with an emery cloth.

One interior designer, stung by the problem recently, decided to go into the business of trading new for old furniture.

"IN GOOD SOUND condition, I discovered that many people had furniture in storage for one reason or another. Sometimes the furniture was exactly what somebody else was looking for," says decorator Frances Lee of New York, member of the American Institute of Interior Designers.

Decorators are now looking for a place to put it, a lot of something like that, so it someone wants to sell or trade a lot, and others to inform them of her new service.

"I was overwhelmed by the quick response," she says.

IN ANSWERING the requests, Frances Lee discovered some older people, but also many young people who would buy each and every piece. A young couple who had a dining room that had to be replaced.

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SKI GUIDE Continued From Page Two

NORTH DAKOTA

Resort	Location	Hours	Rates, Lifts	Hill Data	Other Data
SKYLINE	Nine miles south of Devils Lake on Hwy. 57, 420 miles from Twin Cities.	10 a.m. to 7:30 p.m. Saturdays; 1 a.m. to 5 p.m. Sundays, New Year's Day.	One rope, 4.75 night, \$3 days.	Five runs, longest 1,000 feet; vertical drop 300 feet.	Chalet, lunches, shop, rentals, parking, ski-ing, toboggan runs.
TWILIGHT	14 miles south of Bemarck-Mandan on County Phone 602-3800.	Weekdays, Hwy. 10 and 94 at 20, 420 miles from Twin Cities.	Forma Lift, two ropes, \$1.50 half day, \$4 all day.	Six runs, longest 4,800 feet; vertical drop 300 feet.	Chalet, meals, shop, rentals, school, snow making, ski-ing, snow-making, expert runs.

SOUTH DAKOTA

HOLIDAY HILL	Six miles west of Twin Falls on Hwy. 605-5238.	9 a.m. to 10 p.m. weekdays; 9 a.m. to 4 p.m. weekends.	Three ropes, 1 T-bar, 2 ropes, \$1.50, \$2, \$2.50.	Three runs, longest 2,400 feet; vertical drop 300 feet.	Chalet, meals, shop, rentals, school, snow-making, ski-ing, snow-making, expert runs.
TERRY PEAK	Four miles west of Lead, 7 miles west of Deadwood, Hwy. 85, 575 miles from Twin Cities.	Weekdays, 9 a.m. to 4 p.m. Thursday, Friday, weekends; other days by appointment.	Chair, two Forma Lifts, \$4 per day.	Six runs, longest 1 1/2 miles; vertical drop 1,089 feet.	Chalet, meals, shop, rentals, school, snow-making, ski-ing, jumping slalom.

MICHIGAN

BIG POWDER	3 miles northwest of Hammett on Hwy. 2, 240 miles from Twin Cities.	8 a.m. to 4 p.m. weekdays.	Two chairlifts, 1 T-bar, 2 ropes, \$3.85.	Nine runs, longest 2,000 feet; vertical drop 5,300 feet.	Chalet, meals, shop, rentals, school, snow-making, ski-ing, snow-making, expert runs.
BOYNE HIGHLANDS	4 miles northwest of Harbor Springs on Hwy. 31, 223 miles from Twin Cities.	8:30 a.m. to 4 p.m. weekdays; \$6.50 weekends.	Two 3-place chairs, 2 T-bars, Forma Lift, \$5.50 weekdays, \$6.50 weekends.	Fourteen runs, longest 6,000 feet; vertical drop 548 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, snow-making, ski-ing, snow-making, expert runs.
BOYNE MOUNTAIN	At Boyne Falls on Hwy. 131, 200 miles from Twin Cities.	8:30 a.m. to 4 p.m. weekdays; \$6.50 weekends.	Four-place chair, 5 T-bars, 2 ropes, \$5.50 weekdays, \$6.50 weekends.	19 runs, longest 2,500 feet; vertical drop 680 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, ski-ing year-round airport, snow-making, ski-ing.
INDIANHEAD	Two miles west of Wakefield off Hwy. 2, 220 miles from Twin Cities.	8:30 a.m. to 4 p.m. weekdays; \$6.50 weekends.	Triple chair, double T-bar, 2 ropes, \$5.50 weekdays, \$6.50 weekends.	10 trails, longest 2,500 feet; vertical drop 638 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, ski-ing year-round airport, snow-making, ski-ing.
FINE MOUNTAIN	3 1/2 miles south of East of Iron Mountain, 220 miles from Twin Cities.	8:30 a.m. to 4 p.m. weekdays; \$6.50 weekends.	Rubber chair lift, 8 ropes.	Eight runs, longest 1,375 feet; vertical drop 375 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, ski-ing year-round airport, snow-making, ski-ing.
PORCUPINE MOUNTAIN	14 miles west of Ontonagon on Hwy. 64, 200 miles from Twin Cities.	8:30 a.m. to 4 p.m. weekdays; \$6.50 weekends.	1 double T-bar, 4 ropes, \$1.83.	Five runs, longest 7,200 feet; vertical drop 800 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, ski-ing year-round airport, snow-making, ski-ing.

CANADA

LOCH LOMOND	11 miles from Port Williams, Ont., 601, 280 miles from Twin Cities.	9 a.m. to 4 p.m. daily.	Three runs, longest 7,000 feet; vertical drop 800 feet.	Chalet, meals, shop, rentals, school, patrol, lodge, heated pool, ski-ing year-round airport, snow-making, ski-ing.
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DECORATOR TRADES NEW FOR OLD

She Starts 'Used Furniture Lot'

BY VIVIAN BROWN
New York, N.Y.—Used-furniture lots may become as popular as second-hand stores, if one idea catches on.

It means that lots of people would like new furniture, but they just don't know what in the world to do with the old.

"I kept thinking, now isn't it too bad, I haven't got a place to put it, a lot of something like that, so it someone wants to sell or trade a lot, and others to inform them of her new service."

"I was overwhelmed by the quick response," she says.

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NEW YORK, N.Y.—(AP)—Insulated steel residential doors increase the effectiveness of home energy conservation. They feature double-paneled doors with airtight seals and other features that reduce heat loss in winter and keep the air conditioning cool in summer.

Laboratory tests at temperatures of plus 75 on one side, minus 20 on the other prove steel doors cut temperatures—transmissions and heat loss—by 20 percent, the engineers say.

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