When I bought this airplane tow tractor, it had only a frame and rear axle with fenders. I installed a 6-cyl. flat head engine from a '47 Dodge with an old fluid drive and manual clutch with 3-speed transmission. I had to shorten the transmission output shaft and housing and add 4 in. to the frame so I could hook up to the 2:1 gear reduction rear axle. The rear axle is 40 in. wide by 4.5 ft. long with the 16 in. tires. The rear 2 by 10-in. fenders are made out of cast iron and weigh about 250 lbs. each. I coupled an 18 gpm hydraulic pump to the front crank shaft for live hydraulics and three 4-way valves, one with a float. I installed a flow control valve to run a log splitter and a hydraulic water pump for spraying trees. I also built a 3-pl. hitch for it with down pressure for a rear grader blade. In addition, I made a 50-in. front V-plow for plowing snow and a hydraulic dump trailer. This is a mighty fine yard tractor that has all the power you could ever use. (Roger Kubinski, 6037 W. 185th St., Faribault, Minn. 55021 ph 507-334-4528)

I came up with a warm idea for cold winter months. Run a 3-in. duct from the hot air plenum on your furnace to your bathtub. It will blow hot air onto the tub so that it acts as a radiator, keeping your bathroom warm. When taking a bath, the tub will stay nice and warm, saving on hot water costs. To meet code, the duct running to the tub must be 6 in. above the bathroom floor. (Randy McLachlan, Ja-Ran Enterprises, 3541 Babcock Rd., Lexington, Mich. 48450)

I’m 80 years old and have used this method of unrolling barbed wire for more than 60 years. Just find a heavy piece of flexible grape vine, or cut the leaves off a green grape vine, or cut the leaves off a green, years. Just find a heavy piece of flexible material from seed as it moves out of the crop. This deflector plate, attached to one end of our front-mount blade, keeps snow from spilling back when plowing the driveway. It allows us to work on a slope, where otherwise we would have to back up. (Bill Wehrmeir, Brodhead, Wis.)

After a lot of trouble with vandals and snowplows, we finally decided to build this heavy-duty hinged mailbox protector. First we made a triangular-shaped housing out of 2 by 8 lumber and 3/4 in. plywood. The mailbox is protected inside the wood, just under the top 2 by 8. For the post, we used a railroad tie and fitted it with heavy-duty door hinges. The protector swings one way, and a heavy spring brings it back. A plastic newspaper delivery box bolts to the outside of the housing. (Richard Marley, 445 County Rd. 2500 N., Mahomet, Ill. 61853 ph 217-359-8570)

I'm sending along a simple invention of mine. I call it an ‘Anchor Float’ and it’s a 2-in. dia. rubber washer with slots in the center. It's designed to let you set anchor bolts in wet concrete, holding the bolts vertically and at the desired depth. Once the concrete dries, you can either pull off the float, or leave it in place. I got the idea after years of working in construction. (Mark S. Kilner, 1318 So. Arlington, Sedalia, Mo. 65301)

This simple Tow Bar for forklifts makes it easy to tow equipment around a yard with a fork-lift. I developed it for pulley truck dollies around yard trucks and warehouses, but many farmers now have forklifts and could possibly use it. The unit simply slips over the forks with a safety chain that secures it to the mast. It fits forks of different length. There's a pinle hook on the end to hook to drawbars. It drops off in seconds when not needed. Weights about 100 lbs. I'd like to find a manufacturer or marketer for it. (Russell P. Jones, 6116 Holly Springs Rd., Raleigh, N.C. 27606)

I’ve successfully dismantled more than 500 barns all over North America in the past 12 years, thanks in large part to response from FARM SHOW readers. I wanted to let your readers know that I’m still on the job. I specialize in carefully dismantling any type of barn roof. Once taken down, the owner can install a clear span maintenance-free roof, converting an unusal old barn into a modern, useful farm shop or machine storage building. The service is particularly beneficial for farmers who own large dairy barns. Once finished they get a large clear span building with no posts and 18 to 20 ft. sidewalls. And they eliminate the massive roof and the tremendous expense involved in maintaining it. Some owners just want to take the barn down and salvage the lumber. I remove the box is protected inside the wood, just under the top 2 by 8. For the post, we used a railroad tie and fitted it with heavy-duty door hinges. The protector swings one way, and a heavy spring brings it back. A plastic newspaper delivery box bolts to the outside of the housing. (Richard Marley, 445 County Rd. 2500 N., Mahomet, Ill. 61853 ph 217-359-8570)

I price all jobs over the phone and charge no travel time or expenses. All customers receive a signed contract. Since I'm always on the road somewhere, just leave a message at my phone number and I will return your call promptly. (Ken Andre, ph 219-879-2199)

I'm sending along a simple invention of mine. I call it an ‘Anchor Float’ and it’s a 2-in. dia. rubber washer with slots in the center. It's designed to let you set anchor bolts in wet concrete, holding the bolts vertically and at the desired depth. Once the concrete dries, you can either pull off the float, or leave it in place. I got the idea after years of working in construction. (Mark S. Kilner, 1318 So. Arlington, Sedalia, Mo. 65301)

Thought your readers might be interested in my new model which has 50 percent more capacity than the original yet still has the five main seed cleaning separating operations in one compact machine powered by two small 3/4 hp. electric motors. No need to auger grain between separate machines. It will clean all cereal grains, oil seeds, and many herbs. You can use it for rough cleaning to get most of the dockage out of a crop, or to thoroughly clean seed. Capacity of this machine was increased over the earlier model by using two full length drums, one for short grain removal and the other for long grain removal. Three grader shells are used instead of the two on the former machine, and changing of the shells has been simplified. Also, an oscillating sieve has taken the place of the drum used for scalping and aspiration. This allows for more uniform separation of light material plus separation of light material from seed as it moves out of the machine. Several of these sieves of different sizes can be purchased for less than the cost of one of the former scalper drums. (Leland Zier, 15260 W. Neebel Rd., Pearl City, Ill. 61062 ph 815-443-2484)

I made a piston-type automatic can crusher using spare parts. It’s equipped with a 1/4 hp electric motor driving a 30 to 1 gearbox turning a crank arm connected to the piston. It runs at 17 strokes a minute. Cans roll down into the piston on a small ramp. (Leland Zier, 15260 W. Neebel Rd., Pearl City, Ill. 61062 ph 815-443-2484)

I and my wife have a small ostrich farm and we really can’t use the mega-machines often featured in FARM SHOW. But that was until the last issue when you featured ATV innovations such as the 3-engine ATV mower deck, and other ideas. That issue saved me until the last issue when you featured ATV innovations such as the 3-engine ATV mower deck, and other ideas. That issue saved me a lot of time and money, so here’s my subscription renewal. Keep up the good work. (Doug Cox, 1275 Riddel Rd., Site 176, Comps. 4, RR1, Penticon, B.C. V2A 6J6 Canada)