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Mechanics and Handicraft

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#### The Cover:

- For this PS cover painting artist Denver Gillen sketched TV's "Monster" during Fred Waring show.
- From the Korean battleground came the call for more built-in firepower. Here's our answer.
- Nashes Get a Speedway Workout..105
- Wilbur Shaw, boss of the Indianapolis Speedway, gives the gun to the smart new '51 models. TV Tricks Make Better Shows.....110
- Backstage in a TV studio you wonder the show ever gets on the air. Here's how they do it.
- Guided Missiles Have Radar Eyés 124
- Can a sneak A-bomber get through? A flying tor-pedo, with a vacuum-tube brain, says no. Titanium: Our Next Major Metal? 146
- Spilled salad oil played an important role in the development of titanium for commercial use. The Village Welder.... He's taken over the old blacksmith shop and per-forms miracles with an oxyacetylene torch.

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POPULAR SCIENCE тu

Vacuum Is Also Carpet Sweeper.. 166 This combined vacuum cleaner and carpet sweeper Bulps dust from your house like crazy. How to Button Up Your House ... 17 Follow these directions and you'll save dollars and also make your house warmer this winter. Need Furniture? Try Shiplap ..... 186 Siding with built-in rabbets costs little, and it's a cinch to build drawers with it. There's a lot of talk, but Gus cuts through the red tape and makes a matter out of chatter. A horse is a horse in any man's language, but here's how they're harnessed to power. Putting radiators under cover saves money, and also adds attractive furniture to your home. Godfrey Hammond, PUBLISHER · Stephen P. Glennon, ADVERTISING DIRECTOR · Edward Roeder, Jr., ADVERTISING MCR. EDITORIAL OFFICES: 353 Fourth Avenue, New York ADVERTISING OFFICES: NEW YORK - 250 Fourth ADVERTISING DIRECTOR · Edward Roeder, Jr., ADVERTISING MGR. ADVERTISING OFFICES: NEW YORK - 353 Fourth Avenue: CriticAcco OFFICES: New YORK - 353 Fourth 209 Post Building; SAN FRANCHARVE: DETROIT Sales Building; CLEVELAND SOO-HOward Building; MARGELES-Granada Building.

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