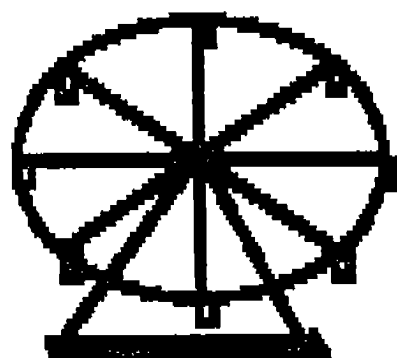


# NITTANY FOLDING FERRIS WHEEL OPERATION MANUAL

MFG: NITTANY  
NAME: FERRIS WHEEL  
TYPE: NON-KIDIE

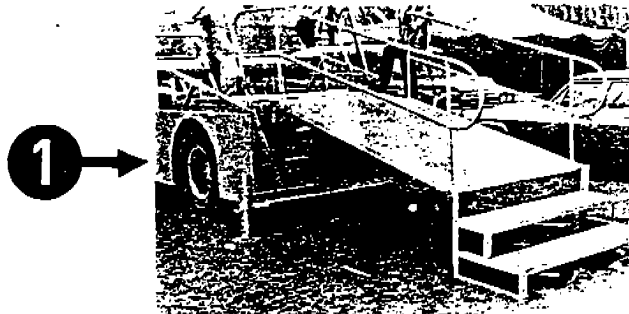


by James Dillman

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- 1. Ride Setup ----- Pg1
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- 5. Photo ----- Pg5

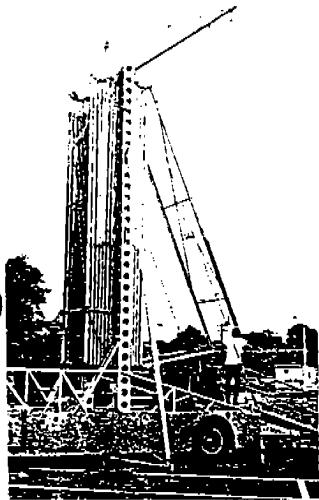
# WINCH AND CABLE STEP-BY-STEP ERECTION



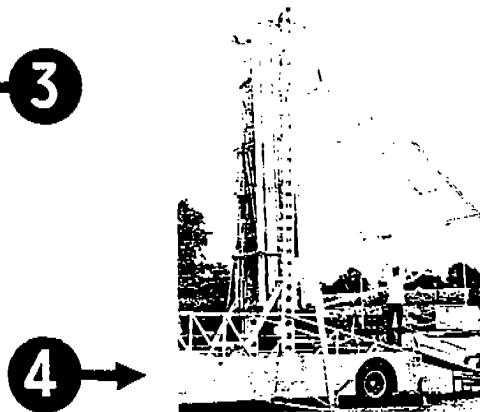
1 Loading Ramp and Steps in Place. Ramp Stores Under Loading Platform.



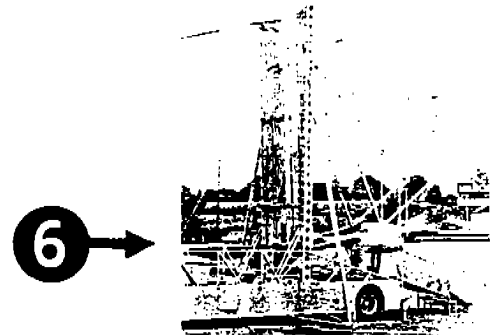
2 Towers Raised to a Convenient Height to Pull Pins and Let Wind Brace Down.



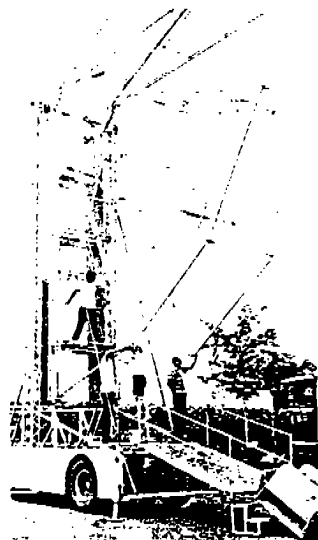
3 Spokes Being Pulled Out to "A Position" to Attach Rim Irons and Rabbit Ears.



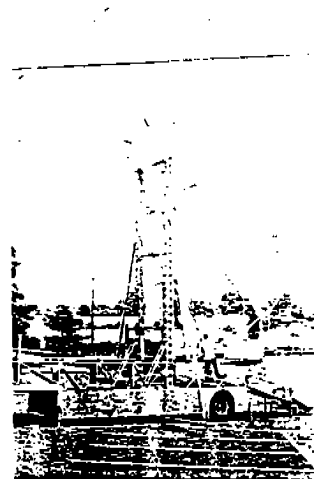
4 Second Spoke Being Pulled Out into Place. At This Point the Drive Cable is Hooked on the Rabbit Ear of Second Spoke and Taken Around Wheel with Spokes.



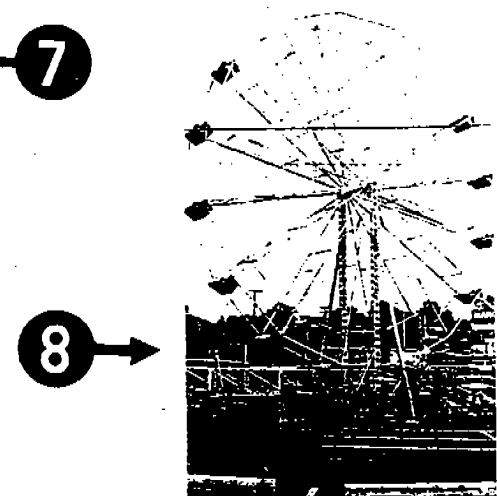
6 Wheel  $\frac{1}{2}$  Open Showing Pull Cable Just Ready to Leave Tripod Opening.



5 Rim Irons Being Dropped Down and Attached to Leading Spoke.



7 Wheel  $\frac{3}{4}$  Open. Note Simplicity, the Operator's Wife Even Helps.



8 Wheel Completely Erected and Seats in Place; All But 4, Which Are Always Left Off Until Ready to Operate and Also Removed When Wheel is Shut Down.

# RIDE OPERATION

It is essential that the ride operator be familiar with the running characteristics of the Ferris Wheel. The wheel must be kept in balance for proper operation, which means that the operator must load and unload the patrons in the proper order. The proper order is as follows:

1. Load seat #1
2. Load seats #9 and #10
3. Load seats #2 and #3
4. Load seats #11 and #12
5. Load seats #4 and #5
6. Load seats #13 and #14
7. Load seats #6, #7 and #8
8. Load seats #15 and 16

As you can see, this helps to keep the wheel in balance. Unloading is done in the same order.

The operator should be able to shift from brake to clutch smoothly, without allowing the wheel to run in reverse at any time. This will take some practice on the part of the operator.

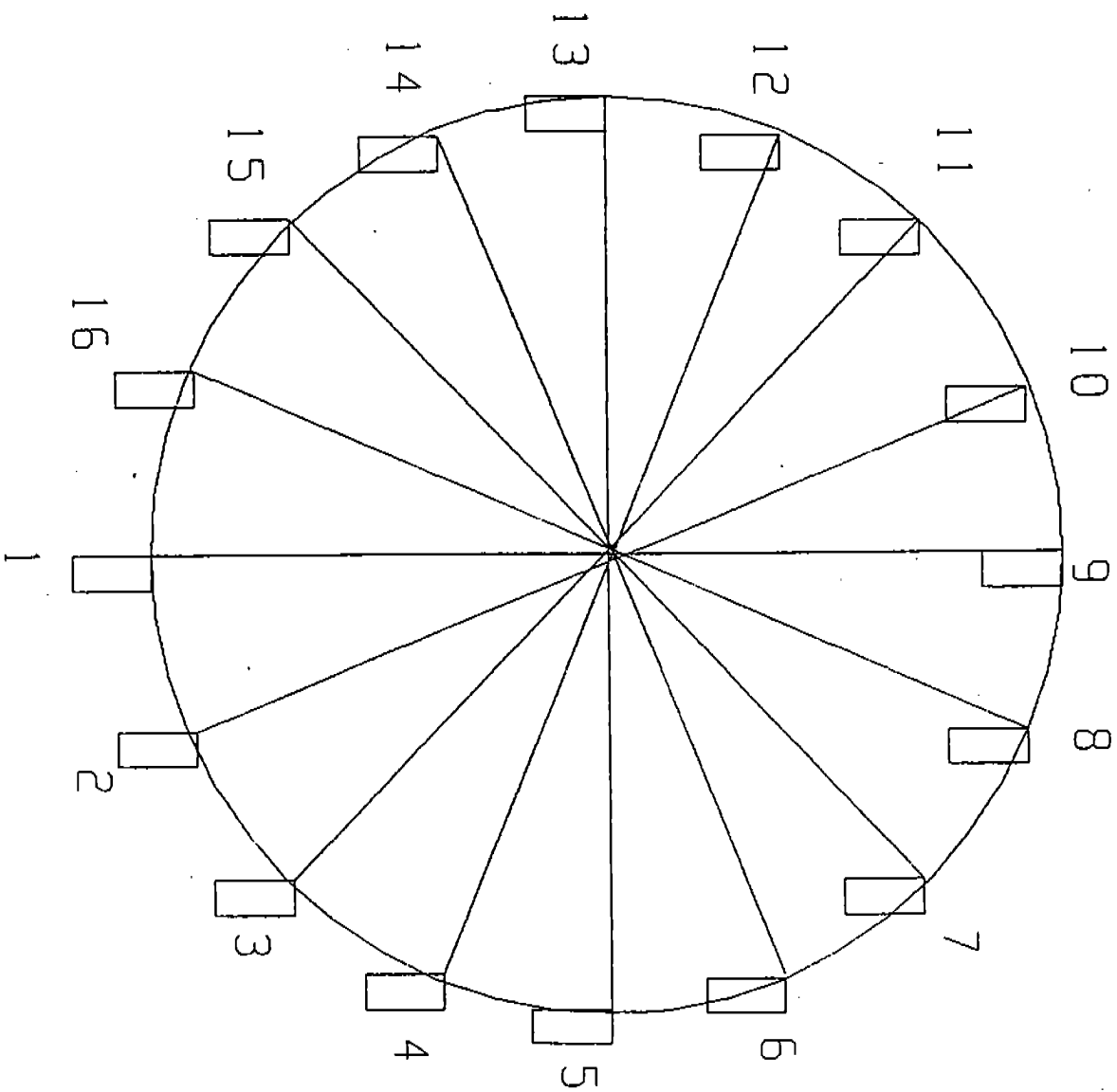
# RIDE SAFETY

A daily safety check of the ride must be made by either the ride operator or other qualified inspector.

All patrons should be made aware that they cannot rock the seats while riding. The operator must be aware of any such rocking and if necessary, may remove the patron from the ride.

The loading platform must be kept clear at all times that the ride is in motion. Be especially careful of children who may not be able to follow simple safety rules.

All seat bars must be properly latched before the ride is operated.



FERRIS WHEEL SEAT NUMBERS

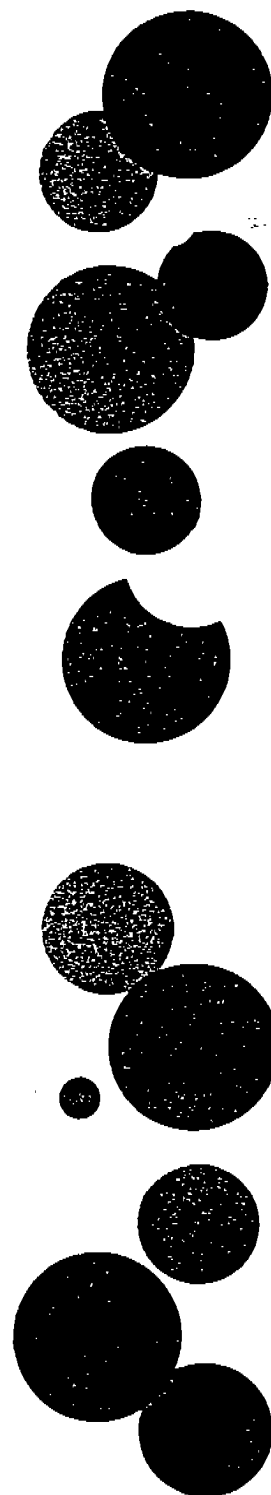
*Nittany* RIDES, INC.—CENTRE HALL, PENNSYLVANIA 16828—PHONE: 814-364-1489

# FOLDING FERRIS-WHEEL

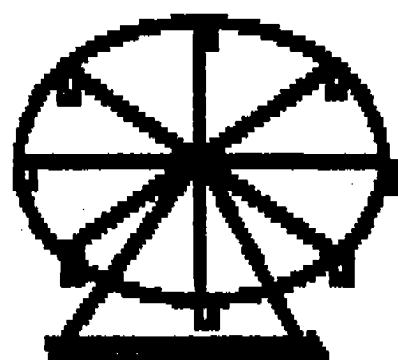
AN OLD RIDE WITH A NEW, MODERN IDEA



NITTANY RIDES, INC.



# **NITTANY FOLDING FERRIS WHEEL OPERATION MANUAL**



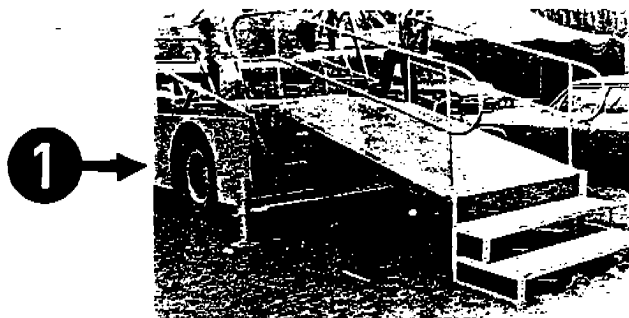
**by James Dillman**



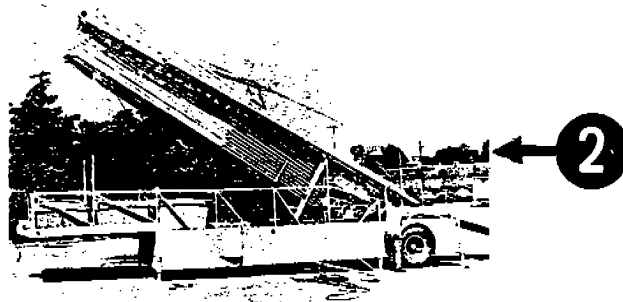
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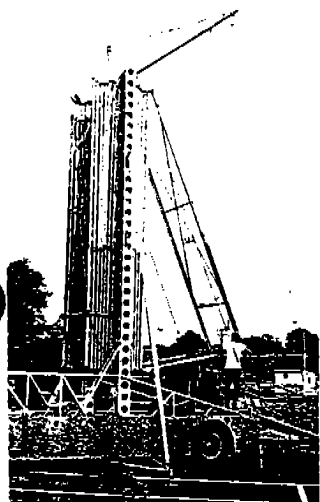
# WINCH AND CABLE STEP-BY-STEP ERECTION



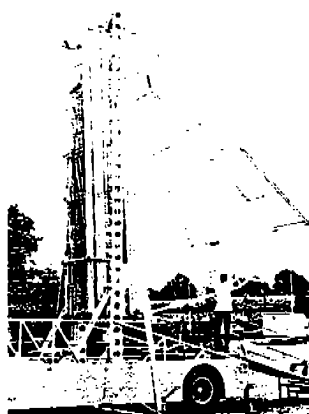
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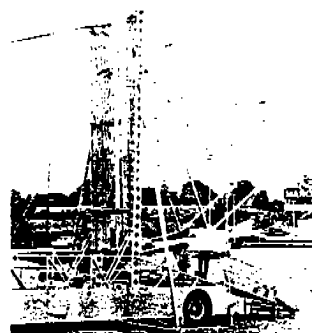
2 Towers Raised to a Convenient Height to Pull Pins and Let Wind Brace Down.



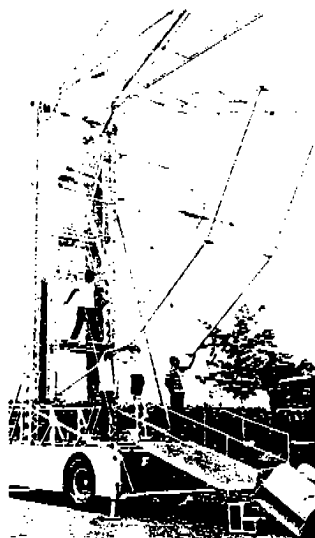
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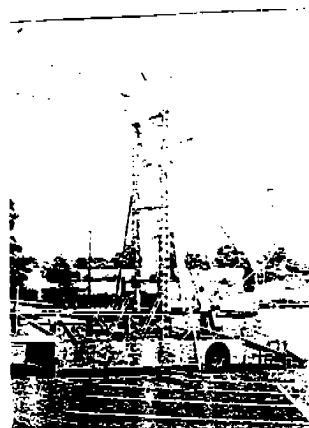
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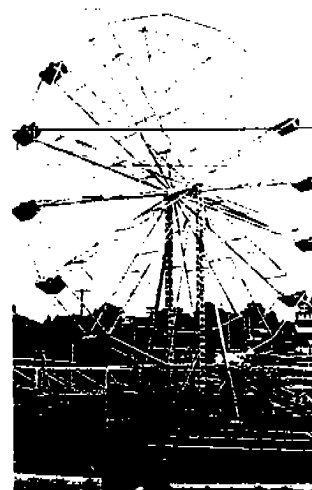
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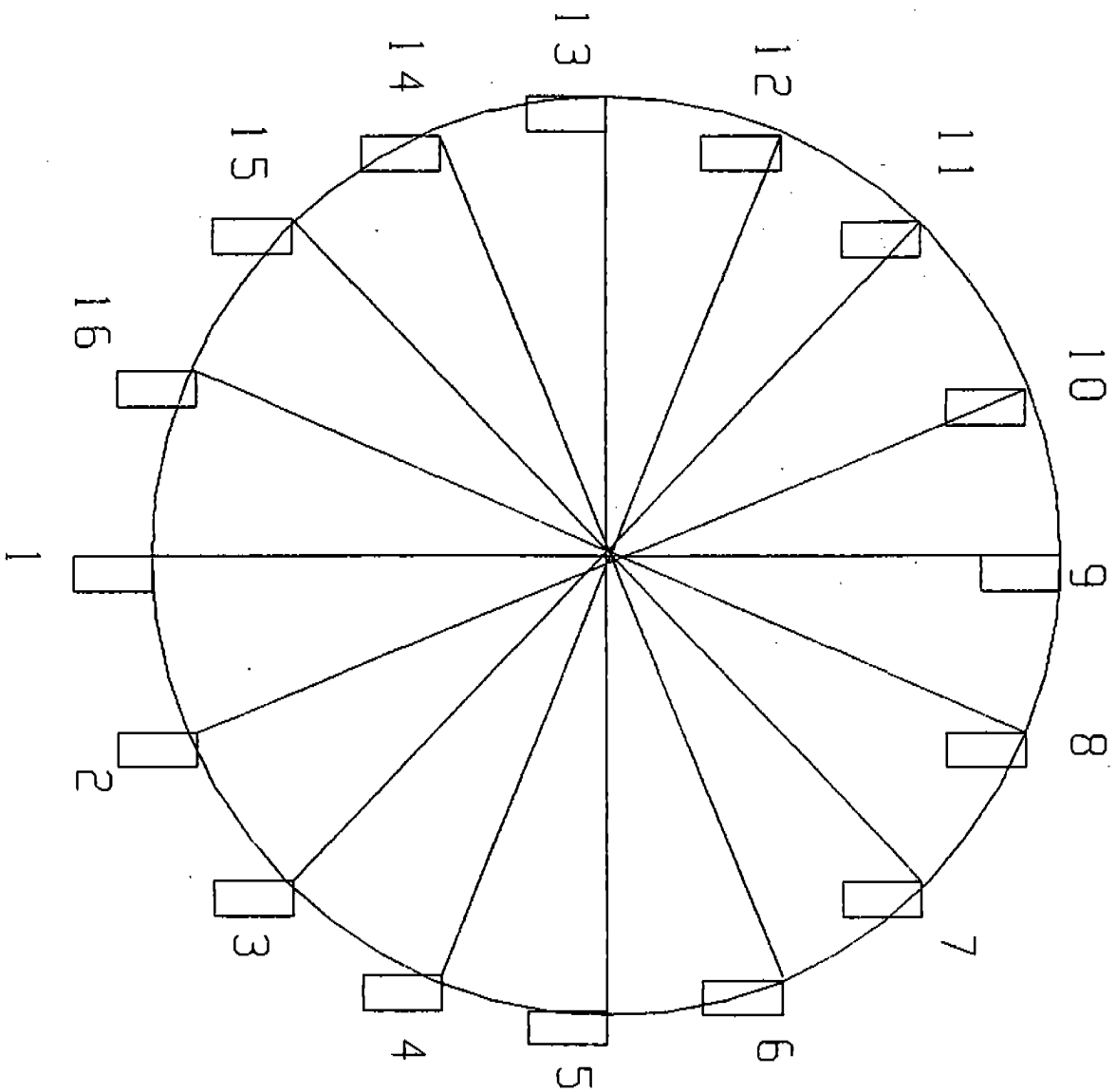
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# FOLDING FERRIS-WHEEL

AN OLD RIDE WITH A NEW, MODERN IDEA



NITTANY RIDES, INC.

