E. C. LeMunyon
H. N. Moore
F. E. Eckhart

TRACTOR-TRAIN COMPANY
Manufacturers of
"MOORE" Transmissions
1344 WALL STREET
LOS ANGELES, CALIFORNIA, U. S. A.

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JAN 22 1921

MOTION PICTURE OTHER THAN PHOTOPLAY

Two Short Reels: First Reel, Factory Operations in the manufacture of "MOORE" Transmissions for Fords, and a short demonstration of what the "MOORE"-equipped Ford will do; Second Reel, Scenic, showing Mount Wilson, & Yosemite, Titles are descriptive, and are quoted:

1. William Fox presents "MOORE" POWER" in CALIFORNIA.
2. Los Angeles, San Francisco, Yosemite, seen by aid of a "MOORE" Transmission, Manufactured by TRACTOR-TRAIN COMPANY, Los Angeles, California, U.S.A., Copyright 1920.
3. Engineering Department.
4. Moulding the Transmission Case.
5. Pouring the white hot metal.
6. Machining the Case.
7. Jig drilling. Rapid production: patent drill press does not stop when changing drills.
8. Machining the "MOORE" clamp sleeve which makes the "MOORE" Auxiliary Transmission easy to install on any Ford.
9. Jig drilling -- all "MOORE" Transmission parts are interchangeable.
10. Sawing gear blanks from Chrome-Nickel steel bars.
11. The rough blank weighs 18 pounds; the finished gear weighs 5 pounds.
12. Drilling, reaming, counterboring gear blanks.
13. Roughing out the gear blanks - 10 pounds of metal quickly removed.
14. Finishing the blank -- accurate to the thousandth of an inch.
15. Extreme accuracy required in forming the gear teeth.
16. Gears packed in iron boxes, heat treated at 1700° for 7 hours.
17. Seven hours later.
18. The final heat treatment; Tempering in oil.
19. Fitting the bearing.
20. Roughing the Transmission Shaft from electric furnace alloy steel.
21. Lathe finishing before heat treating. Note the quality of the steel shaving 30 feet in length.
22. Wet grinding to insure accurate bearing surface.
23. Roughing the sliding jaw clutch.
24. Finishing.
25. Milling the clutch jaws.
26. Testing the finished parts for accuracy in quality and workmanship.
27. Final testing finished parts under Scleroscope.
28. The diamond pointed hammer of this instrument strikes a blow equivalent to 50 tons per square inch.
29. Assembling the finished parts.
30. Positive Neutral eliminates all drag of the Ford disc clutch. (This demonstrates the ease with which the car is moved by hand.)

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31. "MOORE POWER" climbs the hills of San Francisco - a 35% grade.
32. We help you up the hills; we hold you going down (Demonstrating the use of the Intermediate speed as a brake)
33. Ford Lumber Trucks equipped with a "MOORE" Auxiliary Transmission.
34. For rapid delivery over good roads the "MOORE" OVERDRIVE increases the road speed of the Ford Ton Truck 40%.
35. Winter or Summer -- go where you please with a "MOORE"-equipped Ford. (Demonstration of Ford Sedan in snow covered meadow in Yosemite Valley in February)
36. The advantages of "MOORE POWER" (Sedan drives from meadow up onto the road, demonstrating the "MOORE" Emergency Low speed).

SECOND REEL.

37. Mount Wilson Toll House -- A Day's Trip from Los Angeles by Auto. Copyright 1920. TRACTOR-TRAIN COMPANY, Los Angeles, California.
38. Trouble Begins (showing Ford car not equipped with the "MOORE")
39. Hey! How do you do it? (A "MOORE"-equipped Ford Sedan has made the grade with ease and has passed the stalled Ford Car.)
40. My Ford has a "MOORE" Auxiliary Transmission giving "MOORE POWER".
41. "See" -- it is easily installed on any Ford.
42. It is very simple and easily operated.
43. The summit of Mount Wilson.
44. This dome is 100 feet high and 100 feet in diameter, and contains the largest telescope in the world with a lens over 8 feet in diameter. (Carnegie Observatory on Mt.Wilson)
45. Above the clouds.
46. Enroute to Yosemite (showing Ford Sedan on West Adams Street, Los Angeles)
47. Yosemite Valley in Winter (Post Office at Merced, and other views in the Valley)
48. The only method of travel for six months of the year.
49. "MOORE POWER" and Winter Sports in Yosemite.
50. Famous Rock "EL CAPITAN" , over 3300 feet high.
51. Reflections in Mirror Lake.
52. Half-Dome, a sheer precipice of 2000 feet.
53. Yosemite Falls, the highest in the World; over a half-mile high.
55. Cloud's Rest -- over a mile high.
56. The dangerous snow covered trail to Glacier Point.
57. The majestic Merced River from Glacier Point.
58. Big Redwood Trees of California: 300 feet high; 4000 years old -- the oldest living things. (Big Trees at Santa Cruz)

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