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INFORMATION REPORT

CD NO.

CONFIDENTIAL

COUNTRY Germany (Russian Zone)

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SUBJECT Russian Order for Metal Weaving Machines

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SUPPLEMENT TO REPORT NO.



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1. In the summer of 1948, the Russians placed an order for about 75 metal weaving machines for very fine wire screen with the firm of Emil Jäger, Neustadt/Orla. The model ordered by the Russians had the firm designation DFL, operating at 1 to 1.5 hp, and capable of weaving very fine screen with up to 20,000 meshes per square centimeter from nickel wire with diameters of 0.03 and 0.02 mm.
2. The order was completed by June-July 1949. Because the machines were produced in great haste, the quality was not satisfactory, and the Russians tried to sell the machines in Western Germany and Holland. A few were sold, while the remainder was finally shipped to the USSR.
3. At the end of 1948, Russian workers were sent to the Eilhauer plant in Neustadt/Orla, the Baderschneider & Lenzner works in Zeulenroda, and to Heerbrandt in Raguhn for training in metal weaving. They were under the supervision of the Russian engineer Spiritanov, and left with him upon completion of the training period.
4. The DFL model can operate with different reeds. Their data are as follows: Total height, including the metal frame, 54, 60, 65, or 75mm; the "Sprung" (free opening without frame) is 25, 30, 35 or 40mm; the breadth for all is 7mm. The wires are made of special steel of 0.03 mm in diameter. The reeds are of different lengths; a reed of 660 mm has 3,380 wires.

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