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CONFIDENTIAL

DEPARTMENT OF JUSTICE
WAR DIVISION
ECONOMIC WARFARE SECTION

U. S. MACHINE TOOL PURCHASES

BY

NIPPON SEIKOSHO (JAPAN STEEL WORKS)

January 13, 1944

Submitted by:
Leslie H. Standlee
Anti-Trust Division
Department of Justice
New York, N. Y.

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Economic Warfare Section
War Division
Department of Justice
Washington, D. C.

Confidential Report
January 13, 1944 (Report No. 261)
Re: U. S. Machine Tool Purchases
by Nippon Seikoshō (Japan
Steel Works)
Submitted by: Leslie H. Standlee
Anti-Trust Division
Department of Justice
New York, N. Y.

U. S. MACHINE TOOL PURCHASES
BY
NIPPON SEIKOSHO (JAPAN STEEL WORKS)

INTRODUCTION

Nippon Seikoshō (Japan Steel Works) purchased approximately \$260,000 worth of machine tools in the United States between January 1, 1937 and December 7, 1941. The Japanese trading companies: Mitsubishi Shoji Kaisha, Mitsui and Co., Ataka and Co., Okura and Co., and Imperial Export Co., handled these transactions. The files of these companies, except those of Imperial Export, are now in the possession of the Alien Property Custodian and are kept in a warehouse at 27 Cliff Street, New York, N.Y. This report is one of a series of studies resulting from an examination of these files.

The types of machines purchased in the United States by Nippon Seikoshō indicate that it is engaged in the manufacture of ordnance materials, principally guns. Mitsubishi Confidential Reports¹ show that it also produces heavy equipment, such as components for ships. Mitsui Reports² show that it manufactures rolling mills and that the Yen volume of transactions handled for Nippon Seikoshō was the second largest volume of transactions of all the companies handled by Mitsui -- a total of Yen 40,000,000 between January 1, 1936 and December 31, 1940.³ This latter figure indicates that in spite of its small number of purchases of U. S. machines, this company may be an important factor in Japan's war industry.

The files of the Japanese trading companies indicate that some of the plants of Nippon Seikoshō are located in Hiroshima, Muroran and Musashi.⁴

In the preparation of this report it was noticed that some of the trading company files contain documents marked "Nippon Seiko" and others contain documents marked "Nippon Seikoshō". It was at first thought that these designations were only slightly different ways of identifying the

same Japanese company since the suffix "sho", meaning "works", does not change the meaning of the word "seiko". However, it was discovered that certain Japanese characters were always found on documents in the files in conjunction with the name "Nippon Seiko", while an entirely different group of Japanese characters were found in conjunction with the name "Nippon Seikoshō". Upon submitting these characters to the translators⁵ it was explained that the one set means

日本精工 = Nippon Seiko

and the other set means

日本製鋼所 = Nippon Seikoshō

The translator stated that because the above Japanese characters are so different, they undoubtedly represent different companies even though their romanized versions show no essential difference. He stated that the first group of characters "Nippon Seiko" is probably an abbreviation of "Nippon Seiki Kogyo" (Japan Precision Machinery Industry) in which the last syllables of "Seiki" and "Kogyo" are dropped and a new word "Seiko" is formed by joining the two first syllables as follows:

Ni pon Sei (ki) Ko (gyo) = Ni pon Sei ko

日本精(機)工(業) = 日本精工

It was pointed out that this practice of making new names out of abbreviations or parts of many component words is a common one with the Japanese. In other instances "Nihon Sangyo" has become "Nissan"; "Manshu Jukogyo Kaihatsu" has become "Mangyo"; and "Nihon Seitetsu" has become "Nittetsu."⁶

This transliteration tended to explain the essential difference between the very similar Japanese company names and to provide a basis for separating the documents and determining which orders went to which company.

Based upon the separation of data made possible by the above transliteration, two reports have been written:

- A. The present report on Nippon Seikosho which deals with the purchases of Nippon Seikosho in the United States. This company apparently manufactures ordnance and heavy equipment.
- B. Department of Justice Report on Purchases by Nippon Seiko (Japan Precision Machinery Industry) N.Y. #263, January 10, 1944, by Leslie H. Standlee. This latter company manufactures ball and roller bearings.

That the above arbitrary division of the source material found in the files is probably correct is supported to some extent by the following:

When this division of documentary material in the files was made, Nippon Seiko (The Bearing Company) was found to have purchased only equipment suitable for the manufacture of ball and roller bearings, while Nippon Seikosho purchased many machines which were tooled for the production of specific ordnance material such as guns and shells. For example, Nippon Seiko purchased 110 grinders for ball and roller bearing work. In addition, it purchased six ball and roller headers and one lapping, one milling, and one boring machine. On the other hand, Nippon Seikosho purchased numerous lathes from American makers and at least one of them was designed for the manufacture of 155 mm. shells.⁷ It purchased a crankshaft grinder to be used for grinding crankpins.⁸ It also made inquiries for gun boring lathes, one for work as large as 65" in diameter and 960" long.⁹ In addition, it made an inquiry for a lapping or honing machine for honing the bores of 6 mm. rifles.¹⁰ (One source states that Nippon Seikosho was intending to build a new factory to produce 15 centimeter shells¹¹ and another that it has a plant at Muroran producing gun barrels.¹²)

Some of the machines purchased by Nippon Seikosho were sent to places in Japan where Nippon Seiko, (The Bearing Company) does not have a factory, such as Hiroshima, Muroran, and Musashi.⁴ In each of these instances, Nippon Seikosho was stated to be the purchaser. Since it is not known where Nippon Seikosho's factories are located, it is assumed that these may be the location of some of its plants.

The following tables cover purchases and inquiries made on behalf of Nippon Seikosho (Japan Steel Works) between January 1, 1937 and December 7, 1941

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Orders placed during this period amounted to:

Nippon Seikosho

| | |
|-----------------|------------------|
| Mitsubishi | \$ 38,490.37 |
| Mitsui | 185,514.69 |
| Ataka | 10,388.66 |
| Okura | 14,739.40 |
| Imperial Export | <u>12,686.40</u> |

TOTAL: \$261,819.52

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RECAPITULATION OF ORDERS FOR NIPPON SEIKOSHO

MILLING MACHINES

Shipped

- 3 Kearney & Trecker #3K vertical milling machines
 - 3 Kearney & Trecker #2H vertical milling machines
 - 2 Kearney & Trecker #2HL Universal milling machines
 - 4 Kearney & Trecker #1224 Milwaukee simplex milling machines
 - 6 Kearney & Trecker #2 Milwaukee Model H vertical milling machines
 - 2 Kearney & Trecker #3K Milwaukee vertical milling machines
 - 2 Kearney & Trecker #3K vertical milling machines
 - 1 Cincinnati #3 vertical milling machine
- 23

Cancelled

- 1 Van Norman #36 Universal milling machine
 - 1 Kearney & Trecker #3H Universal milling machine
- 2

LATHES

Shipped

- 2 Lodge & Shipley 16"/20" x 78" tool room lathes
 - 8 Lodge & Shipley 16"/20" x 54" engine lathes
 - 2 Lodge & Shipley 14" x 54" tool room lathes
 - 1 American 18" x 54" engine lathe
 - 2 Seneca Falls 6-1/4" x 36" Model R lathes
 - 1 Monarch Type C 14" x 30" tool room lathe
 - 1 Monarch Type C 14" x 30" engine lathe
 - 1 Monarch Type M 22" x 96" engine lathe
- 18

SHAPERS

Shipped

- 2 American 24" shapers

GRINDING MACHINES

Shipped

- 2 Norton #1 tool and cutter grinders
- 3 Norton 6" x 18" surface grinders
- 1 Exello #44 carbide tool grinder
- 1 Norton 24" x 96" crankshaft grinder
- 2 Chicago Pneumatic rotary grinders
- 1 Blanchard #10 vertical surface grinder
- 10

BROACHING MACHINES

Shipped

- 1 LaPointe Universal 60" broaching machine
- 2 LaPointe #216L horizontal broaching machine
- 3

DRILLING MACHINE

Shipped

- 1 Cincinnati geared upright drill

MISCELLANEOUS AND EXTRA EQUIPMENT

Shipped

- 1 4-jaw chuck
- Westinghouse motors for lathes
- 2 American single screw vises
- 3 Rotary tables and power drive
- 4 Int. General Electric 7-1/2 H.P. motors
- 6 Int. General Electric 3 H.P. motors
- 2 Int. General Electric 30 H.P. motors
- 2 Int. General Electric 60 H.P. motors
- 4 Int. General Electric 10 H.P. motors
- 1 Int. General Electric 7-1/2 H.P. motor
- 1 Bausch & Lomb research metallographic equipment
- 1 Gleason 12" straight bevel gear generator

ORDERS

Through Mitsubishi Shoji Kaisha

| Order No. | Date | Manufacturer | No. | Product | Price |
|-----------|---------|-----------------|-----|--------------------------------------|--------------------|
| 8196 | 4/7/38 | Lodge & Shipley | 2 | 16"/20" x 78" tool room lathes | 7,204.60 |
| 8244 | 6/3/38 | Lodge & Shipley | 8 | 16"/20" x 54" engine lathes | 26,288.80 |
| 9374 | 2/16/40 | Lodge & Shipley | 1 | 14" x 54" tool lathe (1) | 4,748.58 |
| A | 2/16/40 | Union Mfg. Co. | 1 | 4-jaw chuck | 113.40 |
| B | 2/23/40 | Westinghouse | | Motors for Lodge & Shipley lathes | 143.99 |
| | | | | | <u>\$38,490.37</u> |

Through Mitsui Bussan Kaisha (Mitsui & Co., Ltd.)

| Order No. | Date | Manufacturer | No. | Product | Price |
|------------------------|---------------------|---------------------|-----|-----------------------------------------------------|----------|
| EO 2182 TO 3958 | 4/28/37 10/23/37 | Kearney & Trecker | 1 | #3K vertical mill- ing machine (2) | 6,854.85 |
| EO 2230 TO 3968 | 5/10/37 4/18/38 | Kearney & Trecker | 1 | #2H vertical mill- ing machine | 3,537.00 |
| EO 2231 | 5/10/37 | Kearney & Trecker | 2 | #2H vertical mill- ing machines (3) | 7,074.00 |
| A | 1/18/38 | | | Additional equipment | 220.75 |
| EO 2574 & 5 TO 3966 | 7/28/37 8/6/38 | Kearney & Trecker | 2 | #2HL Universal milling machines | 6,228.00 |
| A | 11/12/37 | Kearney & Trecker | | Additional equipment | 225.90 |
| EO 2756 TO 3784 | 9/20/37 12/10/37 | American Tool Works | 1 | 18" x 54" American high duty engine lathe (4) | 3,038.00 |
| Add. | 12/13/37 | | | Additional equip- ment for above | 434.00 |

| Order No. | Date | Manufacturer | No. | Product | Price |
|----------------------------|----------------------|-----------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| EO 2825 Rev. TO 3783 | 1/5/38 12/10/37 | American Tool Works | 2 | Single screw vises | 4,541.25 |
| | | | 2 | 24" shapers (5) | |
| EO 3380 TO 3173 | 7/29/38 8/23/38 | Kearney & Trecker | 4 | #1224 Milwaukee Simplex production type milling machine. | 13,925.52 |
| A | 8/9/38 | Int. General Electric | | Additional Equipment for EO 3380: | 360. |
| | | | 1 | 20" rotary table | 360.68 |
| | | | 1 | 20" power drive mechanism for rotary table | 639.90 |
| | | | 4 | 7-1/2 HP motors | 360.68 |
| EO 3381 TO 3174 | 7/30/38 8/23/38 | Kearney & Trecker | 6 | #2 Milwaukee Model H vertical milling machine. | 22,015.80 |
| A. | 8/9/38 | Int. General Electric | 6 | 3 HP motors | 332.28 |
| | 9/23/38 | Kearney & Trecker | 2 | 20" rotary tables | 1,352.70 |
| | | | 2 | Power drive mechanism for rotary table. | |
| EO 3459 TO 3215 | 8/29/38 10/10/38 | Norton | 2 | #1 tool and cutter grinders | 2,156.08 |
| EO 3785 TO 3444 Rev. | 11/16/38 12/16/38 | Seneca Falls | 2 | Automatic lathes 6-1/4" x 36", Model R, lo-swing for production of 13 shells per hour. Shell dia. 155 mm.; length 575 mm. (Drawing in folder) (6) | 17,250.00 |
| A | 11/16/38 | Int. General Electric | 2 | 30 HP motors | |
| B | 4/3/39 | Int. General Electric | 2 | 60 HP motors | |

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| Order No. | Date | Manufacturer | No. | Product | Price |
|----------------------|----------------------|----------------------|-----|------------------------------------------------------|-----------|
| EO 3787 TO 3528 | 11/18/38 11/28/38 | Kearney & Trecker | 2 | #3K Milwaukee vertical milling machines | 12,996.00 |
| A | 11/16/38 | Int.General Electric | 2 | 10 HP motors | 239.76 |
| B | 1/14/39 | | | Additional equipment for above. | |
| EO 1100 TO 3616 | 2/8/39 4/15/39 | Norton | 3 | 6"x18" hydraulic surface grinding machines | 4,734.87 |
| EO 1904 TO 3181 | 10/11/39 11/18/39 | Excello | 1 | #44 carbide tool grinder and at- tachments (7) | 894.80 |
| EO 1874 TO 3162 | 10/21/39 11/24/39 | LaPointe Mfg. Co. | 1 | 60" Universal broaching machine (8) | 2,973.75 |
| EO 1885 TO 3163 | 10/21/39 11/24/39 | LaPointe Mfg. Co. | 1 | #216L horizontal broaching machine (9) | 2,817.75 |
| A | 10/21/39 | Int.General Electric | 1 | 7-1/2 HP motor | 175.77 |
| EO 1977-8 TO 3148 | 11/1/39 10/12/39 | Kearney & Trecker | 2 | #2K vertical mill- ing machine (10) | 13,763.00 |
| A | 12/23/39 | General Electric | | Additional equip- ment and motor | 3,010.40 |
| EO 2038-9 TO 3147 | 11/9/39 10/15/39 | Kearney & Trecker | 2 | #3K vertical mill- ing machines (11) | 14,440.00 |
| EO 2038 A | 1/3/40 | Kearney & Trecker | | Equipment for above | 1,563.50 |
| BB | | Int.General Electric | 1 | 10 HP motor | 125.80 |
| EO 2039 A | | Kearney & Trecker | | Additional equipment | 728.50 |
| B | | Int.General Electric | 1 | 10 HP motor | 125.80 |

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| Order No. | Date | Manufacturer | No. | Product | Price |
|-------------------------|--------------------|-------------------|-----|----------------------------------------------------------------------------|---------------------|
| EO 2010 Rev. TO 3813 | 2/13/40 5/30/40 | Kearney & Trecker | 1 | #3H Universal milling machine. (12) | 7,295.00 |
| EO 2571 TO 3773 | 2/16/40 5/16/40 | Van Norman | 1 | #36 Universal milling machine. (13) | 8,132.00 |
| EO 2475 TO 3777 | 3/1/40 5/24/40 | Norton | 1 | 24"x96" type AD crankshaft grinder for crankpin grinding. (12) | 20,950.60 |
| | | | | | <u>\$185,514.69</u> |

Through Ataka & Co., Ltd.

| Order No. | Date | Manufacturer | No. | Product | Price |
|-----------|---------|-------------------|-----|--------------------------------------------------------|--------------------|
| 5194 | 4/30/37 | Chicago Pneumatic | 2 | Rotary grinders | 161.50 |
| 5958 | 1/27/39 | Bausch & Lomb | 1 | #42-31-36-01 research metal- lographic equipment | 1,869.59 |
| 6234 | 10/2/39 | Gleason | 1 | 12" straight bevel gear generator | 8,357.57 |
| | | | | | <u>\$10,388.66</u> |

Through Okura & Co., Ltd.

| Order No. | Date | Manufacturer | No. | Product | Price |
|-----------|----------|--------------------|-----|-----------------------------------------------------------|--------------------|
| 11736 | 10/18/38 | Cincinnati Milling | 1 | #3 vertical high speed milling machine | 8,146.00 |
| | | | 1 | Geared upright drill | 2,090.00 |
| | | | 1 | #10 Blanchard high power vertical sur- face grinder | 4,503.40 |
| | | | | | <u>\$14,739.40</u> |

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Through Imperial Export Co.

| <u>Order No.</u> | <u>Date</u> | <u>Manufacturer</u> | <u>No.</u> | <u>Product</u> | <u>Price</u> |
|------------------|-------------|---------------------|------------|------------------------------------|--------------------|
| 12/425 | 7/26/37 | Monarch | 1 | Type C, 14"x30" tool room lathe | 3,895.20 |
| 12/461 | 9/18/37 | Monarch | 1 | Type C, 14"x30" engine lathe | 3,875.40 |
| 12/462 | 9/18/37 | Monarch | 1 | Type M, 22"x96" engine lathe | 4,915.80 |
| | | | | | <u>\$12,686.40</u> |

GRAND TOTAL: \$261,819.52

INQUIRIES

Through Mitsubishi Shoji Kaisha

| <u>Inquiry No.</u> | <u>Date</u> | <u>Manufacturer</u> | <u>No.</u> | <u>Product</u> |
|----------------------|-------------|---------------------|-------------|-----------------------------------------------------------------|
| NY-1223 T-294 | 9/28/37 | S.F.Bowser Co. | 1 | Type A #7 oil filter- maximum 400 gallons |
| NY-2214 T-649 | 5/20/38 | Lodge & Shipley | 2 | 22" x 96" lathes |
| NY-2215 T-663 | 6/3/38 | Lodge & Shipley | 3 | 16" x 54" lathes and accessories. |
| NY-2272-3 T-623-4 | 9/6/39 | Wicks | 1 1 | Heavy duty engine lathe Engine and drill slotting machine |
| NY-2747 T-143 | 4/27/40 | | 1 1 1 | Heavy duty lathe Hot saw and sharpener Circular saw |
| NY-2611 | 6/6/40 | | 2 | Ingot turning lathes |

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Through Mitsui Bussan Kaisha (Mitsui and Co., Ltd.)

| Inquiry No. | Date | Manufacturer | No. | Product |
|-------------|---------|-----------------------|-----|----------------------------------------------------------------------------------------------------|
| TE-3273 | 12/2/37 | Micrometer Hone Corp. | 1 | Lapping or honing machine for honing the bore of rifles, diameter 6 mm. - 15 mm.; length 1,100 mm. |
| TE-3013 | 6/21/39 | American Tool Works | 2 | 18" swing x 12' high duty engine lathes. |
| TE-3264 | 6/22/39 | American Tool Works | 2 | 15 HP motors |
| MF-4529 | 9/15/37 | | 2 | 16" x 8' tool room lathes |
| | | | | 1,500 HP synchronous induction motors to be purchased from Shibaura Engineering Works of Japan. |
| MF-3710 | 2/10/38 | Wm. Sellers | 1 | 72" x 96" x 20' double housing type K planer with one railhead and no sidehead. |
| MF-3336 | 9/6/39 | | 1 | 65" dia. x 960" long, gun boring lathe |
| MF-3368 | 9/18/39 | Wm. Gray | 1 | 8' x 8' x 20' planer |
| MF-3369 | 9/20/39 | | 1 | #560F vertical travel 84", horizontal travel 96", horizontal boring, drilling, and milling machine |

Through Ataka and Co., Ltd.

| Inquiry No. | Date | Manufacturer | No. | Product |
|-------------|---------|--------------|-----|-------------------------------------------|
| 772 | 9/19/40 | Gleason | 1 | Spiral bevel cutter with inserted blades. |
| | | | | Cutters for #16 hypoid generator |

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Through Okura & Co., Ltd.

| <u>Inquiry No.</u> | <u>Date</u> | <u>Manufacturer</u> | <u>No.</u> | <u>Product</u> |
|--------------------|-------------|---------------------|------------|------------------------------------------------------------------------------------|
| M-23615 4962 | 3/12/40 | Lucas | 1 | 4" #400 Sellers standard tool type horizontal boring, milling and drilling machine |
| | | | 1 | 26" x 10' LeBlond heavy duty crankshaft lathe |
| | | | 1 | 60" x 60" x 30' table 4 heads liberty double housing planer |
| M-23634 4972 | 3/27/40 | | 1 | Double housing type planer |
| M-23658 5004 | 5/20/40 | | 1 | Landis 12" x 28" Universal tool grinder |
| | | | 2 | Cincinnati #2 vertical high speed dial type miller |

Through Imperial Export Co.

| <u>Inquiry No.</u> | <u>Date</u> | |
|--------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 511 | 2/17/39 | Letter states that Nippon Seikosho intended to build a new factory to produce shells up to 15 centimeters. |
| 594 | 4/21/39 | Letter states that Nippon Seikosho has a factory in Muroran which makes gun barrels. This factory requires lathes of the double boring head center drive type, length of bed about 100', to take diameter of about 60" in the supports |
| 790 | 6/21/39 | Letter states that engineer of the Kanagawa plant of Nippon Steel was coming to the United States to purchase heavy machines. |

Sales by Nippon Seikosho in Japanas recorded in theMitsubishi Confidential Files for 1940¹

| Customer | No. | Product | Price (Y) |
|-------------------|-----|---------------------------|-----------|
| Tama Shipbuilding | 2 | Shafts | 201,080 |
| Tama Shipbuilding | 1 | Standard frame and rudder | 75,710 |
| Tama Shipbuilding | | Axles, etc. | 617,293 |

Sales by Nippon Seikosho in Manchuriaas recorded in theMitsui Business Report for 1941¹⁴

| Customer | No. | Product | Price (Y) |
|-------------|-----|---------------|-----------|
| Showa Steel | 1 | Rolling mill | 231,140 |
| Showa Steel | 1 | Rolling mill* | 326,510 |

* (Delivery Scheduled for Sept. 5, 1942)

FOOTNOTES TO THE TEXT

1. The head office of Mitsubishi Shoji Kaisha issued bi-weekly reports detailing business conditions, and sales and purchases made through MSK in Japan and in foreign countries. One of these, Report #9 for 1938, shows that Nippon Seikosho had an order to supply axles and shafts to the Tama Shipbuilding Company.
2. The Mitsui offices in Japan and Manchuria issued semi-annual statements of business conditions. These detailed domestic and foreign transactions made by Mitsui. One of these, the Mukden Branch Office Report of April 30, 1941, contains the statement that Nippon Seikosho sold rolling mills to Showa Steel Company.
3. Mitsui Engineering Report #11 for 1941. This report contains documents entitled "Friendly Relations." These documents show that Nippon Seikosho made sales or purchases through Mitsui totaling Yen 40,141,186 between January 1, 1936 and December 31, 1940. This was the second highest volume for all the Japanese companies with which Mitsui had "friendly relations". However, several companies with which Mitsui had "Agency Relations" had higher totals.
4. Orders MSK 9374 for 1940, and Mitsui EO Orders 2182, 2230, 2756 for 1937 were shipped to Muroran Works.

Mitsui EO Orders 2825, 3756, 3785 for 1938; 1904 for 1939; and 2010 for 1940 were shipped to the Hiroshima Works.

Mitsui EO Orders 1874, 1885, 1977-8, 2038-9 for 1939 were shipped to the Musashi Works.
5. This section was developed from information supplied by Dr. Paul Mossner, translator for the New York Office of the Foreign Economic Administration.
6. There is nothing in the files to support the conjecture that the full name of "Nippon Seiko" is "Nippon Seiki Kogyo", but in the absence of any other explanation, this name is accepted for the purpose of this report.
7. A total of seven lathes were ordered on MSK Orders 8196, 8244, and 9374; Mitsui Orders EO 2756 for 1937 and 3785 for 1938; and Imperial Export Orders 12/425, 12/461, 12/462. for 1937. Mitsui Order EO 3785 states that the lathe on this order was to be used for the production of 13 shells per hour.

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8. Mitsui Order EO 2475 for 1940.
9. MSK Inquiries NY 2214, 2215, 2272-3, 2747-8; Mitsui Inquiries TE 3013, 3264, MF 3336 for 1939; and Okura Inquiry M 23615.
10. Mitsui Inquiry TE 3273 for 1937.
11. Imperial Export letter #511 for February 17, 1939.
12. Imperial Export letter #594 for April 21, 1939.

FOOTNOTES TO THE TABULATION

1. Machine on this order shipped to Muroran.
2. Machine on this order shipped to Muroran.
3. Machine on this order shipped to Muroran.
4. Machine on this order shipped to Muroran.
5. Machine on this order shipped to Hiroshima Works.
6. Machine on this order shipped to Hiroshima Works.
7. Machine on this order shipped to Hiroshima Works.
8. Machine on this order shipped to Musashi Works.
9. Machine on this order shipped to Musashi Works.
10. Machine on this order shipped to Musashi Works.
11. Machine on this order shipped to Musashi Works.
12. Order cancelled. The machine was to have been shipped to Hiroshima.
13. Order cancelled.
14. Business Report from Mukden Branch Office to Tokyo, April 30, 1941. This report shows the activities of the Mukden Office for the first half of 1941, detailing all transactions made.