

860

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MAKE NO ADDITIONAL ENTRIES

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Lent to WILLIAM L. KINZER
on APRIL 10, 1961
To be returned on request.

WECHLIN-ROSS CORP.
NO. 11118
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RULES FOR RECORDING EXPERIMENTS

1. Original records are to be in ink.
2. Each notebook page whereon there is recorded a completed experiment should be signed and dated by the experimenter in the space provided.
3. Each notebook page containing a completed experiment should be read and signed by a witness who will place his signature and the date in the space provided. The witness is to be one who understands the purpose of the experiment and the result obtained but who is not likely to be the inventor or a co-inventor. The witness should sign on the same day as the experimenter, or, if this is impossible, as soon thereafter as feasible.
4. Where entries on a single experiment do not completely fill a page, the remainder of the blank page should be ruled out. Where the record of the experiment extends over several pages which are not consecutive, proper cross-references should be inserted.
5. The bound notebook is to be preserved intact. In no case should any page or part of a page be removed.
6. No erasures are to occur in the record. Any corrections or changes should be made by cancellation, leaving the original entry legible.
7. The same rules as to signing, dating and witnessing are to be followed when the original data are recorded on loose sheets or forms other than the standard bound notebook.

SUBJECT FOR INDEXING THIS BOOK
MUST BE GIVEN BELOW

DATE APRIL 15, 1961
SUBJECT OF ENTRY Kinzer and Remington - Remington 722.

During November, 1960, it was observed to build a single shot pistol on an action similar to the Rem 722. This gun was to have a intermediate frame style grip (Rem 722), full length feed and, and 12 inch barrel.

The first model was completed in the middle of Jan., 1961. This model was in Rem 222 caliber. (Remington) firing showed that the gun could be fired accurately from 500 to at least 1700 yds. without change in sight setting.

Following the completion of the first model a second gun was made, this also being in .222 Rem. caliber. This gun had a universal frame style grip (left or right hand) and a 10 inch barrel. Two inches was cut off the receiver length, thus making the overall length of the gun 15 1/2 inches.

Test firing of this gun indicated that accurate firing could be done from 500 yds. to 3000 yds. without change in sight setting.

The favorable results from tests on the first two models indicated that it might be profitable to design a Remington 722 to accommodate the .22 Rem. caliber. A second model was made of the gun operated automatically, this model was completed on March 13, 1961.

The second model and the second improved model were presented to Mr. W. R. Kinzer on March 15, 1961 for approval. Both guns were favorably accepted, and design of the automatic commenced on March 13, 1961.

EXAMINER: *W. R. Kinzer* DATE April 10, 1961.
WITNESSES: *W. R. Kinzer* DATE 4/16/61

2
DATE 12/16/61
SUBJECT OF EXPT. CALIFORNIA 1960-1961.

Background The subject, the informant, was about 1910 and was employed for a number of years to the 222 Club but having a good salary.

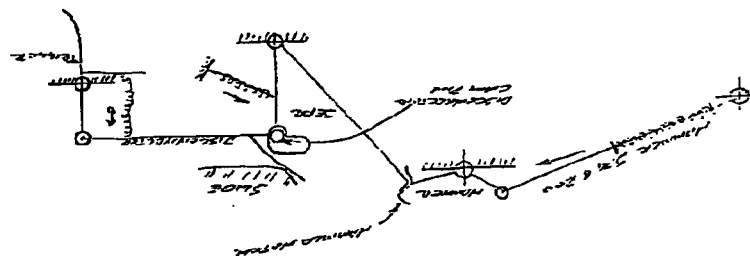
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EXHIBITING AUTHORITY: Chas. L. ... DATE: 12-10-61
WITNESS: Haynes E. G. Luck DATE: 4/10/61

DATE 4/10/61.
SUBJECT OF EXHIB.

FIG. CONTROL DIS 1903 X-2-782.

DESIGN OF THE FIVE CHANNEL WITH THE FIRST
PHASE A THE DESIGN OF THE SEVEN, A KINEMATIC
SECTION OF THE FIVE CHANNEL IS SHOWN BELOW.



EXPERIMENTER: *Francis J. Chumley*
WITNESS: *Francis J. Chumley*
DATE: *4/14/64*
DATE OF BIRTH: *1961*

4

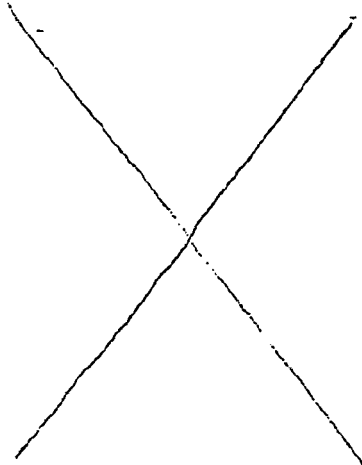
DATE 5/18/68
SUBJECT OF EXPT. REMINGTON - BARBER - PRESALE R 0101672

DESCRIPTION OF EXPT.

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DATE 5/18/68
SUBJECT OF EXPT. REMINGTON - BARBER - PRESALE R 0101672

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DATE 5/18/68
DATE

7

DATE 5/14/62

SUBJECT OF EXPT. 1ST TEST Firing - XP-722A.

THIS TEST WAS FIRED TO DETERMINE THE INITIAL VELOCITIES, VELOCITIES AFTER 500 FEET, AND TOTAL SLIDE TRAVEL WITH TWO LOADS UNDER DIFFERENT FRICTION CONDITIONS. RESULTS OF THE TEST ARE SHOWN BELOW.

Amtn.	Projectile Load	Initial Vel.	Vel. After 500 Feet	Slide Travel		
	16.5 gr. Bullet	1250 ft/sec.	10/3 sec.	10"		
I	16.5 gr	Free	-	125	2.2	
II	16.5	Over 400	Free	300	125	2.2
III	16.3 gr	Loaded	250	150	2.4	
IV	16.5	Loaded	320	150	2.4	
V	15.6	Loaded	310	150	2.7	
VI	15.6	Loaded	280	140	2.4	
VII	15.8	Free	320	130	2.4	

ORGANIZATION OF THE DATA ARE SHOWN ON THE FOLLOWING PAGE.

EXPERIMENTER
WITNESS

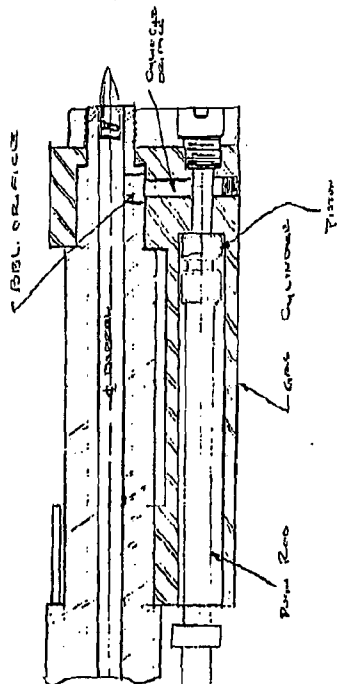
DATE 5/14/62
DATE

6

DATE 5/14/62

SUBJECT OF EXPT. XP-722A GAS SYSTEM

THE GAS SYSTEM ON THIS GUN IS SIMILAR TO THAT ON THE 'M' TYPE IN THAT THE CYLINDER SLIDES OVER THE BARREL AND IS LOCKED BY A LOCKING ARRANGEMENT LOCATED ON THE BARREL. A SKETCH OF THE GAS SYSTEM IS SHOWN BELOW.



EXPERIMENTER
WITNESS

DATE May 14, 1962
DATE

9

DATE
SUBJECT OF EXHIBIT
PAGE NO.

II

III

II

III

DATE 3/14/62
WITNESS

11

DATE 4/15/62
SUBJECT OF EXPT. Firing - For Present

A TEST WAS INITIATED ON THIS DAY
TO DETERMINE Firing AN INDIAN DANCE VARIOUS
CONDITIONS. SPRING, HAMMER, AND HAMMER SPRING
END OF VARIOUS CONDITIONS, AND Firing TWO OF
DIFFERENT LENGTHS WERE USED IN THE
EXPERIMENT.
THIS PURPOSE OF THE TEST WAS TO
OBTAIN LOW INQUIRY WITH THE DRAFTST
HAMMER SPRING POSSIBLE.

EXPERIMENTER H. Chamberlain
DATE 4/15/62
WITNESS DATE

TEST Firing - XP-7E7A.

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Firing Firing Firing Firing,

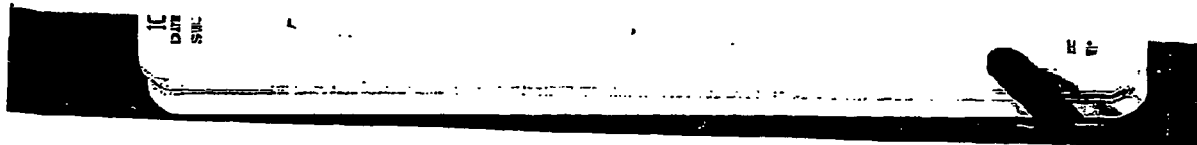
1. Low Line and Line

0. Sudden in the Firing Hammer -
; and in the Firing
Firing caused by Firing Firing
on Hammer

ing Hammer Firing Firing Firing

> Firing of Hammer Firing Firing

Chamberlain
DATE 4/15/62
DATE



12

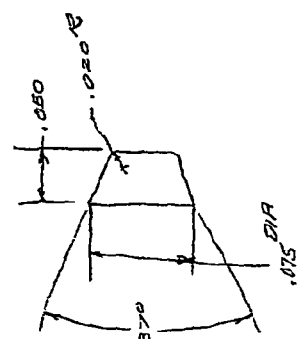
DATE

6/15/62

REMARKS OF EXPT. Firing An Incident.

A TEST WAS MADE ON THIS DAY TO
DETERMINE FIRING AN INCIDENT ENDURE
THE FIRING CONDITIONS.

Firing An Incident



Experiment 1
Hammur Spring -

COILS - 12

ENDS 1.050/1.050 - 1.050

FEEL LENGTH - 1.850

WIDE DIA .055

O.D. 1.400

EXPERIMENTER

WITNESS

H. Chamberlain

DATE

DATE

6/15/62

13

DATE

6/15/62

REMARKS OF EXPT. Firing An Incident (Cont)

COPPER CRUMBLER INCIDENT -

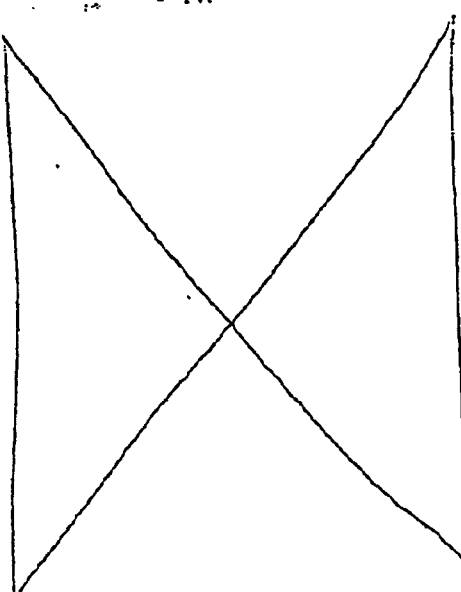
AN

.015 - .016

HAMMER WT - .5402.

HAM. WGT. BOO WGT - 1.40 oz

ANAL. TO BOUNDS WERE FROD UNDO
THESE CONDITIONS. NO MARKS OR ANY FIBERS
WERE OBSERVED. EXAMINATION OF THE PRIMERS
INDICATED THAT THEY HAD STARTED TO BURST BUT
NO RUPTURES COMPACT BLANKS, AND BURSTED
PRIMERS WERE OBSERVED.



EXPERIMENTER

WITNESS

H. Chamberlain

DATE

DATE

6/15/62

41

6/24/02

SUBJECT OF ENVT. M. Sando Stone Analysis.

On June 14, Hi-Spand Movies were made of the gun firing in the recovery device, two shots were taken with the gun locked in position (no breech), and two with the gun moving from two positions.

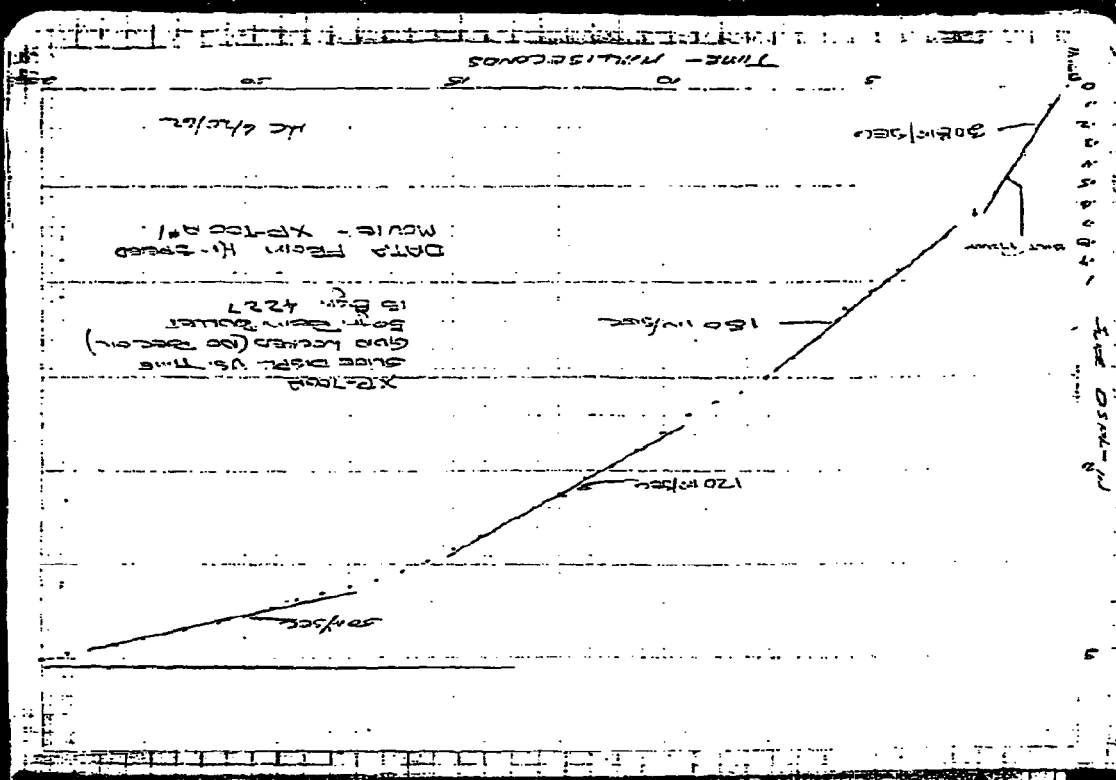
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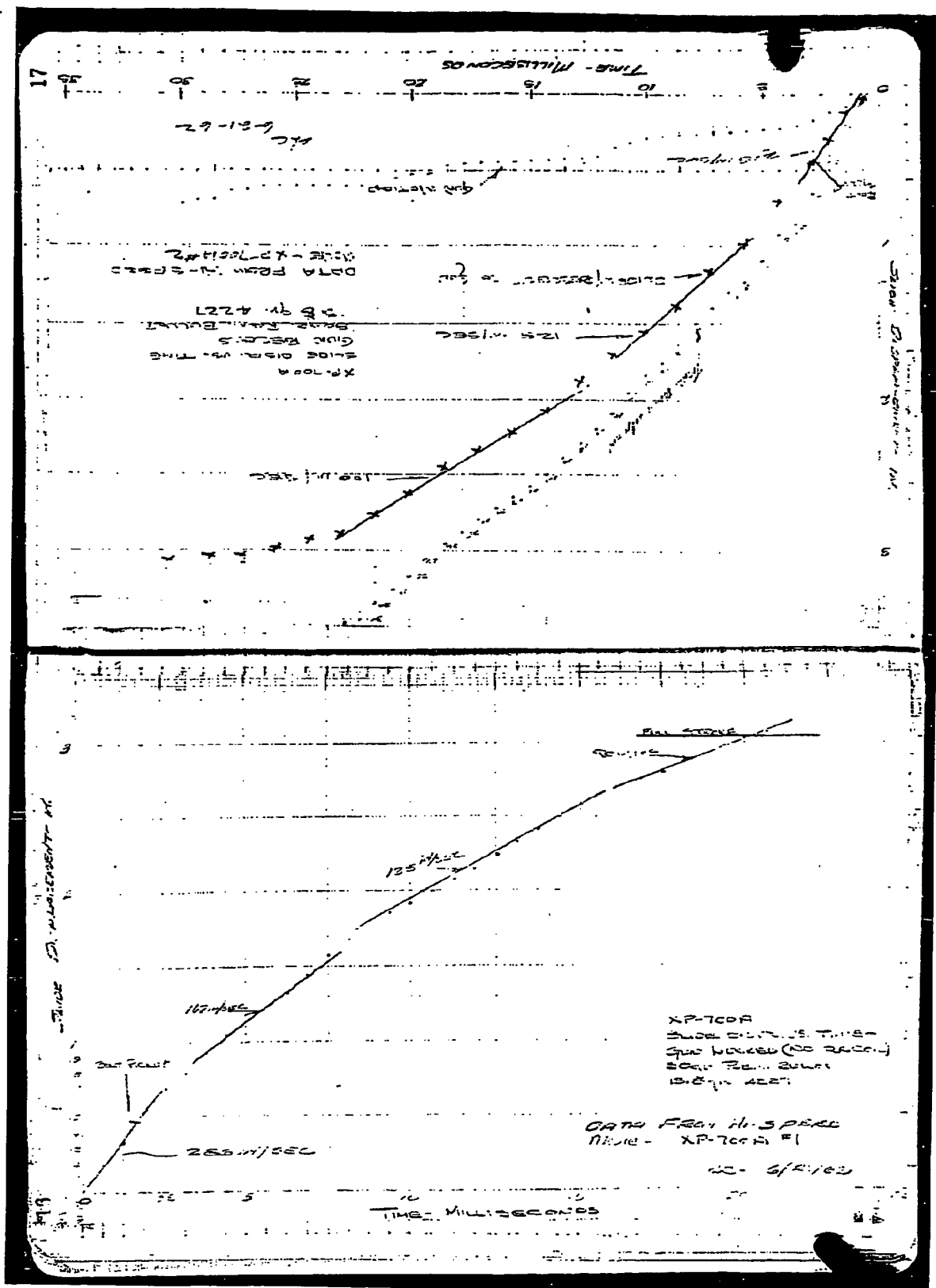
Only one put was made of the
game in 1966. The players
did not indicate an intention
to play more.

593A
MILWAUKEE, WIS.

W. J. E. L. L.

3280 6/15/79





DATE	SUBJECT OF REPT.	EXPERIMENTER	WITNESS
18			
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