

N BAR E.C.

B.9.93
WAW

INTERLOCK SO THAT GUN WILL
NOT FIRE (OR SAFETY CANNOT
BE MOVED) IF FORCE IS APPLIED
TO TRIGGER AS SAFETY IS MOVED
(ATTEMPTED TO BE MOVED) FROM
S TO F POSITION.

ONLY MODELS NOW KNOWN
ARE N66, 320 PEERLESS, S200.

ANY BOLT ACTION C.F.?

• COLT SAUER

FINGER PIECE BOTH DIRECTIONS

ASSUMED

PRIORITIES

①

M200 SENDER THRUPTUP
(PROACTIVE) SPECS
COMPLETION: SUCCESSFUL
ACTIVITIES ON (LONG LEAD
TERM) 1 TERM FOR M200
(COMPARISON BY JCTM)

②

DEFINE

M③ N'BAR F.C. CONTROL.

GOAL

SYSTEM CONFIGURATION
DEFINED.OUTPUT
N'BARTIME TABLE ON DEFINITION OF
F.C. CONTROL.

TIME TABLE

NOW

TIME TABLE ON TIME TABLE

SUB GOALS: ~~TIME TABLE OF F.C. CONTROL~~
~~TIME TABLE~~ULTIMATE: TIME TABLE ON DEFINITION
OF F.C.

PRIOR N'BAR REVIEW

WHY WAS PRIOR DESIGN ACTIVITY UNSATISFACTORY?
OR WAS IT
COMPETITIVE PRODUCT REVIEW

SOURCES

SYSTEM CONFIGURATION

STRENGTHS / WEAKNESSES

- IN-DEPTH LITERATURE REVIEW
S. OTTENSIS BOOK(S)
- LEGAL LITIGATION / AUTHOR DISTILLATIONS
SUMMARIES — DISCARD ^{MARGINAL} MATERIALS
OR THOSE WITH MAJOR DEFICIENCIES.

PROBAC

W. WALKER

N BAR

every other "minimum material removed"
CF receiver is a rear lockup.

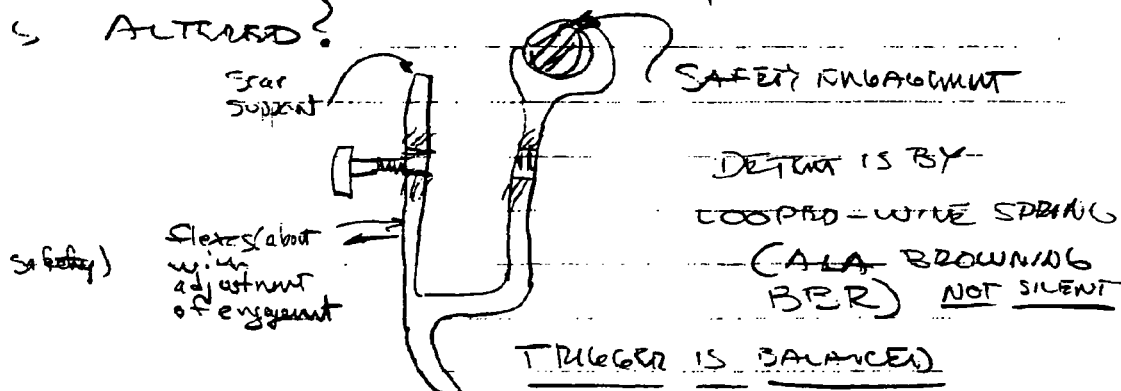
AVOID A "TOO HEAVY" PRELOAD
ON F.P. SPRING $\Rightarrow$ THIS LOAD IS
IMPOSED ON FIRE CONTROL DISENGAGEMENT SURFACES.

AVOID TEXAS MAGNUM CONDITION:

- APPLYING SAFE (CROSSBOLT)
IN FIRED CONDITION WILL NOT
ALLOW FIRING PIN TO RECOCK

BINDING NOTCHES IN HEAL OF
POSTMAN SCREW(S) (RTT ENGAGEMENT)
90 PITCH WITH 12 $\Rightarrow$.002 ENGAGEMENT
STEPS

HOW DO YOU ACCOMMODATE A
TRIGGER BLOCK SAFETY WITHOUT REQUIRING
AN ADJUSTMENT IF TRIGGER SPRING ENGAGEMENT
IS ALTERED?



SILENCE OF LOOP WIND SPRING
IN SAFETY OR BB & R77?

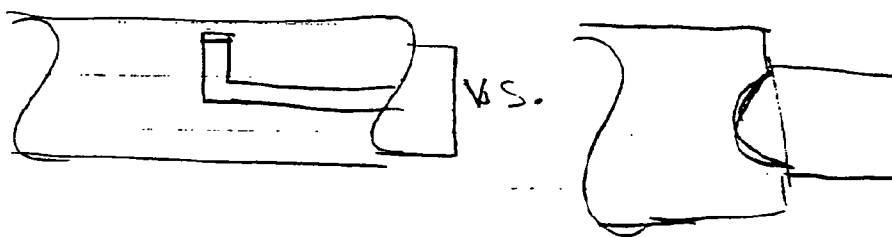
ROGER TANG SAFETY LACKED
LEVERAGE (MECH. ADVANTAGE) FOR CAM-BACK
TYPE OF FIRING PIN BLOCK SAFETY.

CAN WE ADD A "RESILIENT"
WEARS TO SEAR - INSTEAD - OF TRIGGER.

- MUST BE CORRECTLY POSITIONED
RE ACTION OF
PUT "CONNECTOR" ON THE SEAR

10 BAR

Escape ramp for bolt stop
plunger avoided - L CUT FOR BOLT
LOCK DOWN VOL II pg 165



BOTH ROGER M77 AND CHAMPION
REPLACED REMOVABLE F.P. SPRING PLUNGES
WITH SOLID (INTEGRAL) ONES.

TEST REQUIREMENTS

WILL EXCEED SAME
DROP TEST FOR NEW PRODUCT
BY CONSIDERABLE MARGIN.

EQUAL TO OR BETTER THAN MIZOO
DROP TEST PERFORMANCE

GOALS

CONSUMER ADJUSTABLE

STRATEGY

- "GRIP" SAFETY
- TRIGGER - TRIGGER (LOCK)

DEFINITION OF NEW SYSTEM

NO MENTION MADE OF INTEGRAL BB/REC CONCEPT - NONSENSE

- TWO POSITION SAFETY
SIMPLEST, REMINGTON TRADITION, EASY TO UNDERSTAND
- BOLT LOCK ON SAFE
- ** • ~~RELEASEABLE~~ BOLT LOCK — ^{DON'T NEED ~~opening~~}
"OPTIONAL"
ALLOWS OPENING BOLT WITH SAFETY "ON"
- WILL BLOCK AND LIFT SEAR AS
PRIMARY MEANS
- COULD BLOCK TRIGGER ALSO
→ NOT SAFER AS SUCH, BUT THIS
MAY ADDRESS CUSTOMER PERCEPTION
THAT IT IS BETTER IF TRIGGER DOESN'T
MOVE.
- CONSIDERING VERTICALLY SLIDING
SEAR
- SELF-CONTAINED SUB-ASS'Y MOUNTED
RIGIDLY TO RECEIVER
- DIVORCE BOLT STOP/RELEASE FROM
INSIDE TRIGGER BOW; NO OTHER REASON
TO REACH INSIDE TR. GUARD BOW BUT
TO PULL THE TRIGGER.