

## DEPARTMENT OF THE ARMY UNITED STATES OF AMERICA

## INVENTION DISCLOSURE

PATENT ACTIVITIES DOCKET NO

(THIS FORM AND ACCOMPANYING DRAWING AND DESCRIPTION SHEETS ARE TO BE COMPLETED FOR EACH INVENTION PROMPTLY FORWARDED TO THE PATENT ACTIVITY\*)

ASSIGNED TO:

SHORT TITLE OF INVENTION							
FULL NAME(S) OF INVENT (FIRST) (MIDDLE IN (1)(2)(3)_		HOME ADDRESS(ES)	(DUTY) TEL. NO. AREA CODE				
INFORMATION AND DATES CONCERNING THIS INVENTION  NEEDED IN THE EVENT OF A CONTEST OF PRIORITY OF INVENTION IN THE U.S. PATENT AND TRADEMARK OFFICE, ALL RECORDS CITED SHOULD BE DATED AND SIGNED BY TWO INDEPENDENT WITNESSES WHO HAVE READ AND UNDERSTOOD THE MATERIAL.	(4) GIVE DATE OF AND ID (5) WHENWHERE AND TO EITHER ORALLY OR IN (6) DESCRIBE DETAILS O GIVE DATES AND WITI (7) DESCRIBE AND GIVE DINVENTION (8)	F ANY WORK OR TESTS DONE TO PRODU NESSES (USE OTHER PAGES IF NECESSA DATES OF ANY OTHER SKETCHES, DRAW	ICE OR OPERATE THE INVENTION IRY) INGS, OR REPORTS PERTINENT TO THIS				
USE, SALE OR PUBLICATION NEEDED TO ESTABLISH THE DATE OF ANY PRINTED PUBLICATION, PUBLIC USE OR SALE. SINCE NO PATENT APPLICATION MAY BE FILLED AFTER ONE YEAR FROM SUCH DATE.	IF INVENTION HAS BEEN SOLD OR USED FOR PROFIT-WHEN AND TO WHOM DISCLOSED OR WHEN AND HOW USED? (9)  HAS A DESCRIPTION OF THIS INVENTION BEEN MADE AVAILABLE TO PERSONS OUTSIDE THE ARMY? (WRITTEN OR ORAL) IF SO, HOW AND WHEN AND WAS USE RESTRICTED? (10)						
POTENTIAL MARKET INFORMATION NEEDED FOR POSSIBLE MARKETING INVESTIGATIONS AND AS AN AID TO POTENTIAL LICENSING TO OTHERS.	DESCRIBE ANY POTENTIAL, OR EXISTING MARKET FOR SALE OR LICENSE OF THIS INVENTION (11) A. GOVERNMENT: B. COMMERCIAL: C. IDENTIFY ANY KNOWN FIRMS OR VENDORS WHO MAY BE INTERESTED IN THE INVENTION:						
CONTRACT INFORMATION  A DETERMINATION OF RIGHTS IN THIS INVENTION WILL BE NECESSARY. (SEE AR 27-60)	IF THIS INVENTION WAS FIRST CONCEIVED OR CONSTRUCTED IN CONNECTION WITH: (12)  A. MY DUTIES AS A GOVERNMENT EMPLOYEE  B. MY WORK UNRELATED TO MY DUTIES AS A GOVERNMENT EMPLOYEE (PRIVATE, OFF DUTY ACTIVITIES)  C. MY DUTIES AS A GOVERNMENT EMPLOYEE & WORKING WITH A CONTRACTOR  D. NEITHER A, B, OR C, EXPLAIN						
FOREIGN FILING CONSIDERATION NEEDED TO DETERMINE THE POTENTIAL WORLDWIDE USE FOR THE INVENTION.							
SECURITY CLASSIFICATION							

**DA FORM 4734-R, 1 OCT 1978** 

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(DRAWING AND DESCRIPTION SHEET)

(14) PROVIDE THE FOLLOWING INFORMATION CONCERNING THE DISCLOSED INVENTION AND IN THE INDICATED SEQUENCE:

- A . SPECIFICALLY DESCRIBE THE INVENTION AND ITS OPERATION. YOU MAY USE AND ATTACH COPIES OF SKETCHES, PRINTS, PHOTOGRAPHS, PAPERS AND ILLUSTRATIONS, WHICH SHOULD BE SIGNED, WITNESSED, AND DATED. USE NUMBERS AND DESCRIPTIVE NAMES IN DESCRIPTIONS AND DRAWINGS.
- B. STATE THE ADVANTAGES OF THE INVENTION OVER PRESENTLY KNOWN DEVICES, SYSTEMS, OR PROCESSES.
- C. DISCUSS THE PROBLEMS WHICH THE INVENTION IS DESIGNED TO SOLVE, REFERRING TO ANY PRIOR INVENTION OF A SIMILAR NATURE WITH WHICH YOU MAY BE FAMILIAR.

D. LIST ALL KNOWN AND OTHER POSSIBLE USES FOR THE INVENTION.
E. LIST THE FEATURES OF THE INVENTION THAT ARE BELIEVED TO BE NOVEL.
USE AS MANY OF THESE SHEETS AS NECESSARY AND ATTACH TO COMPLETED INVENTION DISCLOSURE

SIGN	ATURE(S) AND ORGANIZATION OF INVENTOR(S) (USE INK)	DATE:	THE DESCRIBED INVENTION HAS BEEN WITNESSED READ AND UNDERSTOOD BY:	DATE:
(15)		(1	8)	
	ORGANIZATION			
(16)		(1	9)	
	ORGANIZATION			
(17)		(2	20)	
	ORGANIZATION			

\*NOTE: THIS FORM AND ANY OMITTED INFORMATION BECOMING AVAILABLE AT A LATER TIME SHOULD BE FORWARD TO:

HQDa CHIEF, INTELLECTUAL, PROPERTY DIV.

DARCOM ATTN: PATENT COUNSEL; OR CHIEF OF ENGINEERS ATTN: PATENT COUNSEL OFFICE OF THE JUDGE ADVOCATE GENERAL DEPT. OF THE ARMY WASHINGTON, D.C., 20310