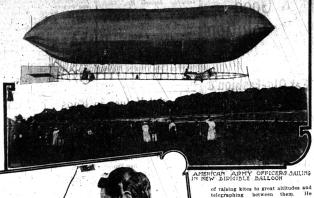
IRELESS TELEGRAPHY Via KITES AND

ication.

Thilded States government, ugh- one or another of its cheek, has taken up wireless stelegy experiments via both kites and halloons, but the greatest internaturally attaches to the work galloons. So far as is known, Ubited States signal corps is more of aff foreign military bodies its invasion of this significant

While the American army officers

While the Art
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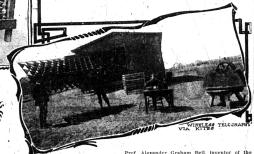
AERIAL WIRELESS SET AND H.B. DE GROOT WHO DEVISED IT

each 150 feet gth, suspended a cross-arm at-beneath the rear of the bal-

of Taking kites to great altitudes and telegraphing between them. He may be the season of the season

erated, especially when the kite if flown by wire instead of by cord. At Mount Weather, where plano wire is used, so strong a current is brought down from the clouds that it has been insulate the reel on which

down from the clouds that it is insulate the reel on which This presence of the magic cuifest even on clear days, when in of an electrical storm. Now in progress with a view to us irrent for wireless telegraphy



ight. This handicap has been met in

HE NEW AFRIAL WIRELESS SET FOR

lofty height. This handicap has been met in a portable wireless set which has recently been designed by signal corps experts and the first example of which has lately been completed at the signal corps schope in Washington under the direction of Electrical Assistant H. B. De Droot.

Not only does this compact littles wireless equipment conform to the requisite of minimum manners of the signal corps and the second of the second conformation of the second consequences that would seasuredly follow any such explosion at a high altitude, have that precautionary measures laken in the contraction of the apparatus designed for the reperimental work.

This wonderful new nertal wireless set, which

ction of the apparatus designed for their exmental work.

This wonderful new aerial wireless set, which
this, all told, fully about 19 pounds, occupies or
supon a wooden frame of special Resign
th-measures 30 inches in health, 17 inches in
th and 15 inches in height. The electrical
grof rithis cloud climbing telegraph station
up.2 led from an ordinary eightwoft sparking
erg, such as is used in automobiles. This
so this growth is used in submobiles. This
ording section of the lightest portable wireset that would have been available for this
that would have been available on the
accurace so as to exclude all gas and there is
late protection for the interrupter contact.

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case.

new wireless set for military work aloft, by the way, cost about \$800, has the same key and telephone receiver found in the wireless sets which have lately made penarance in the commercial field. A sliy unique feature, however, is their from yallet the sound wayes are sent on any country. The surface was a feature, the sent wayes are sent on any country. The surface was a sent on a feature, and the surface was a sent on the surface was a sent on the surface was the surface with the surface was a sent of the surface was the surfac

sages, instead of being caught, above the station as in all earthly installations, will be cought because the control of the c

Prof. Alexander Graham Bell, inventor of the telephone, who has been engrossed for several years past in experiments with kites formed from terthaderal cells and who has intently designed performances, has included wireless telegraphy as one branch of his kite investigations. For this telegraphic work he has employed a kite of comparatively modesf size, preceded by a small pilot kite, and these have usually been flown at a height of about 2,000 feet. The kites carry alort telegraphic equipment in the form of ordinary green electric-light equit, to the upper end or receiving wire. The telegraph operator is stationed close by the reel of plano wire—the point from which the kite is sent up.

Dr. Bell has had the co-operation in these ex-

ne reel of plano wire—the point from which the ite is sent up.
Dr. Bell has had the co-operation in these excriments of Mr. De Forest, inventor of, the wirelast head of other wireless telegraphy expaten which bears his name/astell as the aid of other wireless telegraphy explainhe original kite messages via the artificial fortice
ent aid of the pr. Bell were transmitted a distract
ent aid of the present the second of the control o

How She identified Twins.

The Beferly twins, Frod and Frank, were such exact counterparts of each other that none of the neighbors sould tell them spart and even their mother sometimes, had her doubts. The resemblascie a accentuated by the country of the state of the second of the

Real Estate Exchange

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GAME PLAYED IN THE CLOUDS when he was tackled by the Harvard half back, Bothson, and his wings senting Net Unlike The Nay Se tance apart by the Aerospace Com-was on half, however, and, he was was on half, however, and, he was witnessed it inventions keep plany with their magnetic controllers.

tance apart by the Aerospace Company with their magnetic controllers. The ball itself, an armored balloon had a tendency to get away and appropriate the controllers of the controllers.