BIOGRAPH IN MEDICINE． obscure diseases．
eratiors Perlormed by Famous Surgeo Ulso Showa by the Kinetoscope－The
tostrument Harnessed to the Tele－


Already an institution in recording
the notable sceness and occurrences or
the world kinetoscope or moving pic． tures are becoming use or mor for seleng pitic
as well as for amusement purposes．In tospitals，particularly，the invention
finding application，declares the New


 ataxia．Reproduced slowly，on the
screen，doctors are enabled to study
the symptoms more carefully in their laboratories．And the pictures taken
in Vlenna，showing operations belng
iner valuable instructors to medical stue
dents．It is also in hospltal work that tachment，or milero－kinetoscope，is
finding the greatest practical use．The movement of all kinds of microbes
when thus photographed make strik－
ing animated pictures，and the actions ing animated pletures，and the actions
of heanthy and diseased corpuscles are
easily distinguished when thrown upoa times Such pictures of diseased
thood，taken from time to ime．show
the improvement or decline in the con－ It has just been found by one ex－
periment that X －ray photography，now periment that X－ray photography，now
o arauabe in hoopptals，may be woon－
derfill developed by the of the
biograph camera，as it is equally posst－ bograph camera，as it is equally possi－
bete to take moving pitctures with the
penetrating lizht．He belleves there is no function of the human body which
may not be shown in action by such
pictures，even to the beating of the pietures，even to circulation．
hearr and blood
Many of the animated pltctures that are exhbibited now for their beaty
alone，will hkely be useful in sehool
instrection nnd lecture work，but the the eurily development of the phono
traphis that these machines are held
graph high prices，and will only be
at
brought with at high prices，and will ooly ine
brought within the reach of public in－
structors as theer possibilitites and ini．
provenents bring great demand for One of the novel subjects that will
Oon be put on exhibition will show
soinutely the growth and flowering of
mlants from the time of planting yitil in full bloom．To obtain such results
as these a special room is set aside in
the new Botanical Gardens at Bronx growth of a lly on the sereen in one
series，the blograph cameras and the
growing bulb will be arranged in posi－ growing blib will be arranged in posi－
tion in ths room and a picture will be
taken every half hour continually for
about thirty days and nizhts．In or－ taken every half hour continually for
about thrty days ond nights．In or－
der to get a uniform light for every
亚 view，artificial Illumination will be be
omploged Something ilie a thousand
pictures wiil be made of one subject．
the tinal picture the tinal plicture showing the opening
of the Ily，and then its facing away．
Though such results have previonsly been obtained，they were pot taken
with the neecsany uniformity of ligit．
This work will be under the direction of T．S．McGreger，wurator of the gar－
of than，
dens．Experiments of this kind，too，
are being made to show rapdily the
changes in scenery from winter to
for summer，etc．
The experiments of Flammarion，the
celebrated French astronomer，show celebrated French astronomer，show
the possibilities of the bigraph for re．
cording astronomical wonders
has taken moving pletures which show hording astronomical wonders．
has taken moving pletures which show
monrise，the Milky Way，Mightning． thooting stars，surrise and sunset．
Profesors of astronemy in columbia
Cole College also realize the possibilities of
he inventlon in their work and exper－ menters are improving extremely sen－
itive elms necessary to take mpres．
fions of the weak astronomical rays of light．It is particularly the phe
nomena of the heavens seen at inter－
vals of many years－a strange eclipse． ransit，or meteoric shower－which
nen travel far to observe，and which
nstronomers tiope to observe in photo． graphit effects，making it ppssible for
trose at home to observe the heaveniy
wonders that few now have the op－ And as the microscope has be
combined with the blograph，so al
the astronomer＇s telescople lenses a the astronomers telescople lenses are
being combined，so that we may see
distant movements invisibe to the naked eye．Manny of the moving pie
tures of naval actons，which natural． ly could not have been taken at close
range．have resulted from the tele．
scopie attachment．
 storms，and expects to get some pic
tures of the approach of a Kanas tor
nato． Another new and novel exbibit is a
brillant display of fireworks，taken
at night While it has hitherto been
tmpossible to photo hagh flow mpossible to photograph fireworkse，by
he use of magnesim powder the blo－
raph has falthrully An adventurous operator in Europe
devised the Idea of taking pictures from the bottom of the car of a bat．
loon tin motion，As ft ascended rapldy
siceesslve pletures were taken straight downward showing the spectators，
then the surrounding hiouses and tress
then roofs and country，fading rapidity
 a ． $\left.\right|_{\text {shogs．}} ^{\substack{\text { thought }}}$


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韵部

 men fels that it thens been of of great ser－
vice to her．－New York Post． NEW FASHION FANC：ES．
Sable is first chooce for fur collars．
The greatest outhow of furs in a
new direction will be for trimmings for
garments． Some of the newest toques of fur ar
of moderate size and trimmed wit
bise lace and handsome gold buckles． In street costumes furs appear in
collar，the straight or medic，revers
of coats and boleros，inclece ffects in
skirts or waists and in bands on edges of coots and boleros，inclse erfects in
vkits or winsts and in bands on edge
of tuiles or juposs
Tbe new velvet collars are cut high
nider the ears and embroidered in a
 A new pearl neecklace is of twisted
trands，forming a rope of pearls which his looped about the neck in the
same fashion，and the ends are fintoh
ed with a sort of pearl teach The latest string ties are of stitched
tafeta with rrigged ends caught in an
sort of tasel effect．The very dainty girl puts a lltle ect echet powder of her
faverite perfume in the ends of her sur
sin
bear
 dertly w
they see
hand．

| A recent bride was a cloth of fine texture． with an elaborate pat |
| :---: |
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|  |  |
|  |  |
|  |  |
|  |  | The newest black and white gowns

